

	polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1638 of SEQ ID NO:329, b is an integer of 15 to 1652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:329, and where b is greater than NO:329, and where b is greater than or equal to a + 14.	W94846, N28477, AA160184, AA931691, AA809361, AI359819, AI279594, AA252345, AI061452, AI597929, AW014245, AI1819250, N98731, AA954145, AI276202, AI828926, AA026286, AI167799, AW027703, AW168057, AI559587, AI521276, W57884, AI991979, W94847, AI687722, AI434201, N39148, W25095, W57885, AA447263, AI446772, AI073636, AI094763, AA280864, AW273344, AI346062, AI424178, AA625675, H99758, C75468, AI581157, AI683608, AA917615, AA148612, AA252324, H01172, AI814232, AI263567, W22475, AW058146, AW241157, R42644, T50250, H46994, W93787, AI358426, H01257, AA442735, AI129045, AI375564, AW150517, AA364849, H46453, AA303251, W31169, AA148611, AI814030, W93786, AA364527, N70145, H12436, AI659876, R08467, AA368445, AW366545, AA299987, AI648609, AW257791, H12435, H22406, AW382318, AA877720, AW382316, AA281164, AA805601, AI285165, AI885988, R33516, N98322, AA482622, AA447138, W26854, AA774629, H22405, AA482477, AW380284, C06036, T17082, R08461, AA026285, N55950, AI832432, AI701223, N66302, R14041, N46559, AA151931, AA059054, R17411, W63706, AW366547, AW014828, C03017, AW129264, F37323, AL079963, AI521560, AI921254, AI537261, AI624293, AI874166, Z98484, AL039086, AI089782, AI565172, AI670009, AI886181, AI161279, AI890507, AI590043, AI445992, AA279293, AI434741, AI619607, AI241923, AI114703, AI678357, AL036673, AI866770, AI309306, AA806719, AI6877568, AW18518, AI500714, AI355779, AW051088, AL040586, AI620284, AI553645, AW149925, AW163823, AI863321, AI687168, AW238688, AI863191, AI421091, AW152550, AI955987, AL046595, AA502794,
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	AI184903, AI491805, AI538829, AI632408, AW104141, AI435253, AI627988, AI613038, AI951062, AI635067, AI690426, AW089275, AI799674, AI433157, AI801152, AI702073, AI690748, AI921248, AI540674, AL046466, AI281757, AW163834, N33175, AW162194, AI345688, AL043355, R32821, AA421957, AI628337, AI621341, AI633125, AI620089, AI678480, AI632997, AI612750, AI698391, AI039716, AI538564, AW262767, AI915291, AW152182, AI538850, AI1270295, AI271796, AI582932, AI872423, AI623941, AI500061, AI572717, AI889189, W46378, AI890907, AI609409, AI583558, AA641818, AI361701, AI866469, AI620302, AI884318, AI923989, AL134712, AI686817, W74529, AI225023, AI866127, AA464646, AI242248, AI859991, AT869125, AI445965, AI587121, AI623622, AA579618, AW026087, AL117430, Y14314, AF026816, I89947, AR038854, AL137488, AL133665, AL117416, AF183393, A65341, U78525, X79812, A08916, AL122100, AL049452, U42031, AL080163, A21103, I48978, AF008439, A08913, AL050393, S36676, I17544, AL137533, A08912, AL110280, A18777, E02349, AF061795, AF151685, A08910, A08909, AF113677, AL122050, AF087943, AL133637, A08908, AL137705, AL110218, S61953, A77033, A77035, AF079763, AF106697, AL133113, Z97214, AI049283, I89931, AL137550, AL137548, I89934, I49625, AL137530, AF061573, AF032666, AF091084, AF113019, AL137478, AL049430, AL080159, AL050149, AL137558, AF061981, AF185576, AJ005690, E12747, AR020905, E03348, A65340, E03349, A76335, AR034821, AL137480, U58996, Z82022, AL117460, I09499, AL133619, AL137479, X72889, AF003737, A08907, AL122106, AL023657, AJ012755, S76508, L19437, AF097996, E05822,
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		Z72491, AL080126, AL117435, A03736, U75932, S75997, Z37987, A45787, AL050138, U88966, X63410, AF115392, AL110221, AF158248, AL050155, AL137641, U35846, E02221, A15345, AF118094, AR029490, AL049314, E15324, E01314, AF090900, AF090903, AF125948, AF113676, AL080140, AL122118, AL137292, AF106862, D83032, I89944, I33392, AF162270, AL137271, AL133081, AF026124, AL050108, AL133072, AF113691, AL122123, AL137537, AL137463, AL050277, AF113690, X82434, Y16645, I48979, AF067728, Y11587, AL137560, AL080154, AL137459, AL122098, M96857, AL137529, AJ003118, AF016271, AF106657, AL080148, AL137665, A58524, A5B523, A86558, AL133640, AL04938, AF153205, AF111849, U86379, AJ238278, AL137574, U80742, A08911, AL133560, AL080074, AF017437, S78453, E04233, U67958, AL117457, Y07905, AF137367, AF113013, AF061943, AR011880, AF078844, Y10655, AL122110, AL133067, AF126247, Y11254, AF111851, AF210052, AL117583, L30117, AF176651, E07108, M27260, S77771, AL122093, U42766, X96540, AF028823, AF100931, X62580, AR059958, AB007812, U000763, L31396, AL133010, L31397, AL137476, AF169154, L04849, X06146, E06743, A07647, AL137256, AL117440, AL117394, AR013797, AF114170, AL137526, AF090943, AL133558, AF215669, U95114, X80340, AL110296, A90832, AL137711, AL133075, AL133016, D16301, X57961, AF177401, AL133568, I32738, AF090901, I68732, I00734, A18788, AR068751, AL049464, AF067790, Y10823, U53505, AF113694, AF207750, AL050024, Y10936, AF113699, AF069506, I03321, M86826, AL080234, A93350, N47595	AA418230, AI656823, AW237075, AI742396, AA418083, AI638335, AI990631, AA101114, AL135583, AA082768, AA453890, AI093952,
330	HTEAF73	840708	Preferrably excluded from the present invention are one or more polynucleotides comprising a

			nucleotide sequence described by the General formula of a-b, where a is any integer between 1 to 1902 of SEQ ID NO:330, b is an integer of 15 to 1916, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:330, and where b is greater than or equal to a + 14.	AI275588, AI991570, AI825352, AI431506, AI168645, AI223864, AI417141, AA426139, AI970427, AA424919, AA758905, AI680900, AA741277, AI800697, AI263798, AA411231, AI150145, AA422115, AA313750, AA453804, AA769817, AA625187, AA904708, AA152290, AI797514, AI924204, AA150232, AI127559, AA300364, AA969156, AA770192, AA905158, R21272, AA131634, N22711, AW238233, Z44053, AA811505, R45362, H13385, AA382511, Z41665, H06049, AA131718, T35196, AA836102, AI868861, Z42470, T36015, AI434398, AW050658, AA093790, AA749290, Z93930
331	HPJCI42	840847	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the General formula of a-b, where a is any integer between 1 to 1644 of SEQ ID NO:331, b is an integer of 15 to 1658, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:331, and where b is greater than or equal to a + 14.	AI357436, AI948511, AI972408, AI826256, AI697857, AI651095, AI761400, AI831948, AI422683, AW341450, AI417903, AW165982, AI936396, AW271819, AI421517, AW300444, AI768573, AI288333, AI927043, AI523543, AI420397, AW085599, AI149563, AI283759, AI392973, AI634398, AI889625, AI817020, AI831197, R56168, AI675030, AI368689, AI1190058, AA393313, AI694269, AI830691, AI830712, AW172298, AI375540, AI827278, AA988563, AI992087, AI862664, AI082343, AA594835, AI300150, AI253197, AA653712, AW237591, AI304849, AA872799, AI926819, AI452397, N29545, AA837984, AA937125, AA502373, AI831516, AI262912, AI823952, AA057861, R33735, AI630735, AW028564, AI654087, AW294325, AI619923, T04917, T35202, AA759006, AA356968, AI632766, N52709, AA043670, AI684627, AI919454, AA642808, T96330, AI300625, AW025718, AW196914, N47832, AA057051, AI806818, AA371419, AA974906, C16798, AW193208, AA423938, N32607, AI369782, AA256421, AI769153, T93496, AI991799, T27338, W15206, AW378641, AW403029, AA043828, D11567, D11572,

			D11571, D11561, D51030, AL035461, D11568
332	HBBHM75	840848	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1088 of SEQ ID NO:332, b is an integer of 15 to 1102, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:332, and where b is greater than or equal to a + 14.</p> <p>AW027446, AW001374, AI905427, AI905448, AW170482, AI888710, AW189228, AW248185, AW247154, AW269605, AI491924, AW166866, AI806696, AI913299, AI248303, AI950990, AI923354, AI985923, AA115932, AW405656, AA580449, AI683829, AA121000, AI923345, AI983165, AA311496, AW339176, AA613123, AW008308, AA311962, AA308220, AI092707, AI670040, AI446320, AA976924, AA827930, AA155688, T26531, AW081652, AA722463, T26545, AA503072, T26607, AI027785, AI673460, AI475803, AA310484, AW166337, AI469228, T26606, AI936946, AI904232, AA313581, AI350054, AA155632, AA113213, AI682048, AA057298, AI924745, AW074024, AA865529, AA219765, AW362575, AA863440, AA394308, AA146598, AI193428, AI803845, AA463503, W52876, AA722103, AA594814, AA058743, AI287875, H69098, AA398511, T17392, AA045866, AI073617, AA099234, AA160447, AW439865, N78080, M78213, W60083, AI827155, AA586410, AI690668, AW176030, AW176409, AW362998, R61067, H82364, AI458739, R58724, R1006, AA233537, AA196375, AI220757, AA143412, AA195987, H68866, AI648414, H68867, AA375183, AA37742, AA377577, AA376079, AA551794, AA370466, F08770, AI659128, AA953614, AA602742, H47859, AA099233, AW385630, AA876847, AA357152, AA376133, AA293437, AA043086, N88762, AA345571, H47858, AI438988, AI471161, AA302122, AA512948, AI342089, AA373023, R10163, AT904755, AA079888, AA669435, NB4278, AA337905, AA173257, AI001859, R86048, AI335883, AA333491, AA377683, H08322, AW404843, AA345193, AA337117, H61230, AA296661, AA331127, AW175900, AA284503, AA385104, AA809714, AA287233, N48458, R72725, AI673105,</p>

			AA079887, AA372658, AA131067, T23830, T26365, N58491, AA385252, AA102153, AA731195, AA301690, AA303689, AW375743, AI270607, D12026, AA573356, F09056, C17112, AA463552, AI904284, AA293046, D56378, AA463551, AA055712, AI658862, R54183, AA173248, AW405930, R72646, AI904233, AA366862, AA742856, AA381048, H08224, R57168, AA343172, AW250825, N58717, A1350282, H61231, AA77755, AW375792, AA045865, AW375803, AA774658, AI904212, H22081, HB2260, AW196192, R57822, AA287216, AW450496, N54277, AI141404, S85655, E05692, I15314, X78682, AL050401, I62356, M61219, L14273, L14272, AC007676, I62357, L14484, L14274, E05693, I15315, I62361, L14485, AR016469, AR016461, AR016462, AR016463, AR016464, AR016466
333	HDTLJ39	840860	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4187 of SEQ ID NO:333, b is an integer of 15 to 4201, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:333, and where b is greater than or equal to a + 14.

	AA127472, AA160284, AA151791, AI591115, AA225924, AI278854, AA173360, D82110, AW022247, C06382, AA404505, AA127585, AA311655, AW270729, AA487388, AA262816, AI251934, AI283345, AI707664, AI474126, N64787, AI917908, AI811519, C05151, AI935294, AA806053, AI608766, AA243268, AA857683, AW263998, N67463, N7758, C02425, R78094, AA722996, H41078, AW274553, AA992418, AA195437, AI083733, AA496439, AI435396, AI267588, AI635182, AA947935, Z21160, AI978716, AI142767, AW136784, AA356091, AI631162, N76199, AW129671, AA421263, AI918869, AL135216, AI689671, AA581476, AA811001, AA662886, AA102524, AA223329, AA261939, AA426276, AW366458, AI017431, AA496488, AA620579, AA864246, R78515, AA082708, AW316556, AI362074, AA057684, M78876, AA504466, AW026306, AI075348, AA223248, AA643835, AA774179, AA262815, AI273316, AI270735, AA223614, AI799202, AA206268, AA083297, AI669447, N85166, AA160285, R22387, AA988824, C02916, AW079254, AA295623, AW383412, AI357670, AA329338, AA947854, AA380160, AI093880, AW367347, T162622, AW089246, R78181, AA748669, AW383415, T31816, AA101058, AA082230, AW204421, N81179, AW383429, F06042, AW411489, AA045056, AA968507, AA357441, N88683, AI817500, AW383430, AA356304, H41731, AI808848, AA441826, AA053850, AA384381, AA081937, AI803541, AA484162, W26056, R93829, AA639001, AA205970, AI916464, N85712, AI361946, Z38961, AA649340, AI127936, F00682, T50221, D31110, AI066570, AI500472, AW328341, AA345411, AI479118, AA311643, AA626103, AI061276, AI886996, AI784598, AA456414, H40124, T50269, AA226080, AI183884, AI344757, AA304567, AA303999, AI653590, R48491, AI953530, M86667,
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			D12618, X61449, AF062594, AF086080, AF114156, AC006157, AF002992, D28430, T89645, T89919, T93704, R21871, R78560, N28359, N42893, N77065, W67341, AA034244, AA044935, AA057392, AA071442, AA082360, AA082229, AA083188, AA167113, AA191227, AA522823, AA730326, AA857065, D82604, D82635, N85023, C00193, C00199, N87331, N88852, N89408, C21319, AA091285, AA091688, AA094300, AA205974, AA206598, AA247212, AA421361, AA441853, AA634627, AA663685, AA665466, T10506, Z30218, T48571, D45597	AI357350, AA845435, AI209067, AI858019, AI884482, AW150823, AA554692, AI620110, AI963113, AL134405, AI889492, AI689168, AW276311, AA627856, AA860493, AW274639, AA633500, AI801448, AI1613503, AA069773, AW338931, AW029541, AA127719, AW263706, AI687577, AW130929, AI625340, AI6553596, AI200795, AW419312, AI758722, W73806, AI829356, AI701949, AI873677, AI033996, AI041421, AA069809, AI805331, AW236282, AA889251, AA628724, AI453807, AI125984, AA894635, AA633499, AA459963, AA972651, AI624681, AI537603, AI246146, AI460275, AA258207, AI250056, AI493175, AA782622, AI339580, AA838393, AI057611, AI680433, AA250884, AI334814, AI097090, AI445800, AI287795, AA258206, AI537026, AI925257, AA722227, AA215296, AA661865, AI805513, AW151003, AI926744, AA954248, AI275682, AA573552, AA693482, AI440209, AA056740, AA250827, AI273997, H85165, AA236042, AA133361, AI084300, AA447092, AA236043, N48966, D54114, AW411052, AI753697, AI128212, AA649576, AI265910, AI583228, AA022865, T28553, AI224070, T15984, AI370374, AI828756, AI811875, AI251107,
334	HE2DT31	841015	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1225 of SEQ ID NO:334, b is an integer of 15 to 1239, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:334, and where b is greater than or equal to a + 14.	

	AI887260, AA805125, AI022896, AI287368, AL036313, AW189991, AA961437, AW057820, AI358161, AI54559, AI921683, AI962926, AI870193, AI252638, AI961544, AA877770, AI190502, AA670156, AI560836, AW440962, AA779688, AA814212, AI620728, AI567087, AI183461, AA582167, AW248658, AI581066, N94359, AI081077, AI911926, AW151092, AI139073, AI023149, AI672669, AI559532, AW054954, AW167338, AA564446, AA872906, AA992431, AI002784, AW130993, AA948355, AW264551, AA633945, AW029143, AA972620, AA582118, AA970957, AA292304, AI872620, AI084043, AA679598, AI356936, AI969636, AA226958, AA630406, AI584170, AI829166, AA669946, AA563876, AA779317, AA613036, AI444935, AI371316, AW071739, AA946753, AI554539, AI564548, AI434491, AI144337, AA947643, AI479802, AI126094, AI079790, AA037671, AA877791, AI628003, AI927436, AW264791, AI802229, AA706037, AI187314, R50864, AW102949, AW131317, AI807613, AW341512, AA553824, AW070293, AA935320, AW028226, D55286, AA916638, AA428601, AA421689, AI798718, AA904350, AA480598, AA151443, AI432922, AA912466, AI680320, AA678327, AI000721, AI569746, AI220996, AA399206, AA570384, T07375, AA708921, R81287, AW264121, T40475, AA976019, AI568145, AI336086, AI359461, AI476687, R80980, AI282762, AW088889, AI365679, AA058411, AI288329, AI249898, AI419896, H05937, AA872284, AI300645, F04083, AA989255, R42835, W38863, AA450039, H85126, AA421690, H92458, H96689, AA460053, AI1819842, W92987, AA381350, AA852359, AW338780, X72727, AC005611, S74678, L29769, D17711, AJ003024, L31961, T60712, T39204, T89115,
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			R23975, R80780, R80929, R81030, H45854, R85410, H86110, H92459, N45682, N64273, N67340, W60856, W79809, W79590, AA031812, AA031892, AA039603, AA127774, AA150512, AA186437, AA188784, AA484831, AA524510, AA577009, AA838126, AA888617, AA974294, AA978242, AI00986, N84928, W28888, AA093374, AA095419, AA635022, AA635099, AA283454, AA905955, AI015482, F04704
335	HE2AY01	841017	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1235 of SEQ ID NO:335, b is an integer of 15 to 1249, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:335, and where b is greater than or equal to a + 14.
336	HWLOA34	841030	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 708 of SEQ ID NO:336, b is an integer of 15 to 722, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:336, and where b is greater than or equal to a + 14.
337	HBXFG67	841241	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by AI341659, AI431773, AI161135, AW088752, AI264206, AI346653, AI307747, AI656069, AI634899, AA704137, AI633639, AI929120, AI092945, AA056359, AA633329, AA293042,

	<p>the general formula of a-b, where a is any integer between 1 to 2196 of SEQ ID NO:337, b is an integer of 15 to 2210, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:337, and where b is greater than or equal to a + 14.</p> <p>AA868271, AI431794, AA582836, AI150598,      AI679251, AI953495, AW117960, AA031264,      AA218868, AI858867, AI697931, AI042345,      AI369319, AW151607, AI130514, WB4552, AW190035,      AI521653, W47659, AA463596, AW083315, AI380661,      AI339765, AI634188, AI091725, WB4467, AI917220,      AA454608, AA460966, AI334973, AA775465,      AA284783, AW026215, AW058396, AI143787,      AA507951, AA74425, W96343, AI356085, W70195,      W52280, AW273175, AI858872, R77389, AI972238,      AI198569, AA458530, AI521450, AA284712,      AA708123, AI679827, AI623758, AW130702,      AI761883, AI921355, AA971856, W04932, N41005,      W56619, N91167, AA994099, AI161235, H41879,      AI086967, AI700384, AA928492, H80551, AI066399,      AI262380, AI337960, AA884190, AI754264,      AA037318, AA031855, AI332848, AI287381,      AA031854, AA206877, AI446456, AI870016, W72718,      AI572475, AA461275, AI130700, AW273233, H19764,      AA293434, AW170235, AI298881, R71854, T72569,      H49101, AI092820, AA609652, W16568, H18402,      AA620623, AI928876, AI289918, W23005, AW205932,      AA016293, H75818, H39184, AI678119, AI362577,      AI338332, AI301256, R85932, AA640114, H26985,      AI016016, AA757695, AI091380, N98497, R93828,      AI636966, W68375, AI950811, AI245331, AI086541,      AA325188, H39183, H43811, M78190, AW148421,      W76444, AA035782, T28818, AI190360, T03362,      AW148308, W47607, H18293, H51175, N94350,      W24020, W31043, AW340439, AI266495, AA325300,      AI948535, AA025152, H43814, H28104, H40890,      AA496283, H41878, T64820, AI631099, AA375412,      F12341, AA220968, N45017, AI288047, AW000806,      AI288037, W47660, H24560, AI042606, AI634927,      AA402851, W52281, AI288045, D59229, AW129613,      AI956106, F08608, R70428, H21526, R73026,</p>
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			AI952459, H19765, F07127, AA350880, AW148295, AA340723, H21210, H18251, W48618, AI870946, N70611, AA324570, AA852604, H80607, R87323, W56649, AA133516, W70156, AA101608, W90400, R84543, AL119694, AI278528, AW131963, AA349925, AW070591, H43721, AI492026, AA115697, AA852436, T17308, AA852605, AA852435, H49042, AI215065, AW392427, R48571, AI057267, W48851, AI346654, H30240, AI909832, R18486, R77390, AW102876, F03416, AI869095, T23722, AI365342, W47411, N56601, W68334, F09962, F04814, AW149325, AA375923, H68511, AI127125, AW080668, AI198415, R51358, AI565830, H51188, M11749, AJ238589, U93310, S59749, R48670, R51464, H18401, H25150, H30297, H30868, H30871, N74891, N93043, N93044, W21511, W21512, W94826, W96342, AA017674, AA025151, AA027955, AA031395, AA040025, AA069269, AA069418, AA069509, AA114873, AA114837, AA419091, AA428836, AA659114, AA836669, AA903136, AA903220, AA918099, AA973427, AA069497, AA757619, AA774630	AA300505, AI492483, AW303374, AI631790, AW206379, AW195675, AA278582, AI039812, AW338448, AW004841, AI766809, AW043846, D60088, AA902168, AA889412, AI914252, AI392952, AI671021, AI022063, N22335, AW173301, N75207, AW086444, AI735105, AA758009, AA7311697, AI168274, AW271622, AI927028, AA283606, AA043425, AA043723, AI423553, AI934402, AA283607, AA844272, AI913306, AI624989, AA725454, T78177, AA535230, AA354991	AW245401, AA662107, AI523949, AW245758, AI031817, AA725300, AI359207, AW270125, AA293413, AI090434, AA568269, AW013988,
338	HWLOF51	841957	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 727 of SEQ ID NO:338, b is an integer of 15 to 741, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:338, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a	
339	HLDOK36	846025	Preferably excluded from the present invention are one or more polynucleotides comprising a		

	<p>nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2031 of SEQ ID NO:339, b is an integer of 15 to 2045, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:339, and where b is greater than or equal to a + 14.</p> <p>AA708767, AA682427, AI376689, AI033528, AW449244, C01335, AW263988, AI343327, AI360743, T50230, AI992119, AA908655, AA318766, T50243, AA635978, AW204989, AA830678, AA047668, AA748433, AA383495, AI635643, AA862542, F35595, AA218681, AI358311, AA090354, AI432940, AW050934, AW362290, AI636445, AW075351, AI800433, AI135661, AI349957, AL044207, AI800453, AI343112, AI349598, AI345735, AW080079, AW268253, AW148320, AI281837, AL036980, AW089572, AW129171, AI597750, AI290154, AW149851, AI282281, AW090013, AI869367, AI340582, AW075413, AI500077, AI567612, AI572787, AW074993, AW302992, AI538790, AI500659, AI119457, AI312152, AW080279, AI571861, AI349614, AI440426, AI925156, AI801544, AI309401, AW075084, AI784252, AI270707, AI348897, AI307708, AI349937, AI567351, AI439089, AI439717, AI862144, AI758437, AI590128, AL036403, AI950664, AI282655, AW169653, AI634224, AL040243, AI279984, AI281779, AW193635, AI475134, AI620639, AI499463, AW071349, AI684265, AI349004, AI862142, AL036146, AW268220, AI445165, AI568855, AW301300, AW075207, AI349256, AA508692, AI343037, AI520862, AI648684, AL038778, AI349645, AI334884, AI632033, AI121014, AI569583, AI497733, AW274192, AI313352, AW301409, AI560099, AI857296, AI633073, AI312428, AI580927, AI274541, AW071417, AA225339, AI627893, AI828818, AI818206, AI436456, AI273142, AI571133, AI609190, AW151485, AW008048, AI281773, AA470491, AI636183, AI636585, AI572569, AI819970, AI919058, AI274508, AI564247, AI699857, AW149287,</p>
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		AW183621, AW068845, AI783504, AI824764, AW302965, AI436644, AW074869, AW263453, AI680388, AI564992, AI269862, AI536638, AI702068, AI349226, AI627360, AI249257, AI491852, AI952360, AI249323, AI273048, AL043326, AW118512, AW131954, AI653836, AL036396, AW196141, AI612920, AI439478, AI269205, AI678989, AW104724, AI554484, AI349933, AI682841, AI624206, AI610756, AI811344, AL036361, AW087445, AI912866, AI571551, AI690312, AI275175, AI702406, AI637584, AI340603, AI570384, AI538716, AI690490, AW002342, AI475451, AI569616, AI872074, AI872711, AI702433, AW301505, AI224992, AI799199, AI679764, AI554427, AW082040, AI815855, AW269097, AI926790, AI564719, AI653541, AI269696, AI889376, AI874109, AI499146, AI868831, AW103371, AI524671, AI521012, AI591073, AI633419, AI921248, AI307543, AI498579, AI590120, AI865002, AI619502, AI571909, AI433976, AI802542, AI866100, AI744923, AI922901, AI828731, AI917253, I48979, Y11587, I89947, I89931, AF090943, AF113699, AF113694, AF118064, AL049314, A08916, AF118070, A08913, L31396, L31397, AL049452, AF113013, AJ242859, AL110221, AL080124, U42766, AL133557, AL122093, AL050393, AF113691, AB019565, AF078844, AF113690, AF113677, AL137557, AL133093, Y11254, AL122050, AF111851, AL117460, AL050149, AL050116, AF125949, AL050146, AL133606, AF113689, AL122123, S68736, X84990, AF090900, AL133565, AL133640, AF113676, AF158248, AL050108, S78214, AF090903, AL080060, AF090896, AF091084, AF113019, E03348, AF090934, AL110196, AL049466, AR059958, T48978, AL133075, AL117457, AL133016,
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		AF125948, AL080137, AF090901, AL137527, X63574, AL122121, AF106862, E07361, A93016, AF017152, AL133080, AF146568, AL049938, AL050277, AL137459, AL117394, X82434, AL110225, AF104032, AJ000937, AL096744, U91329, AL050138, AF079765, I49625, AF017437, AL137283, Y16645, AL049464, AL133560, AL117585, E02349, AR011880, AL137550, AJ238278, A65341, U00763, A08910, AL049300, AF177401, AF067728, A08912, AF097996, AL049430, E07108, AL117583, AL117435, AL049382, A58524, A58523, A08909, AL137521, AF118094, Z82022, AF183393, I03321, AL122098, AL137648, X96540, U72620, AL050024, X70685, A77033, A77035, AL137463, X72889, AL137271, AL137538, AL080127, U80742, AL133113, A12297, U35846, I33392, A03736, AL122110, AL049283, AF087943, X93495, I09360, X65873, X98834, S61953, AL110197, I17767, AF061943, AL080159, E08263, E08264, AF026124, U67958, AC006336, I42402, Y09972, AL137560, AL133568, AL122049, AL133072, AR038969, E15569, AL133014, Y07905, AF095901, AL133098, AJ012755, AL137523, I66342, AR054984, AF111112, I26207, AL133077, M30514, I00734, AF026816, AF119337, AL110280, A93350, E00617, E00717, E00778, A08911, AR000496, U39656, Z37987, AL137556, AL137526, AL137429, AC004093, AF061573, U68387, AL133104, AF003737, A45787, AF000145, AL050172, Y14314, AF106827, AF057300, AF057299, AR013797, A90832, AL122111, U58996, A07647, AF079763, X83508, AF100931, Z72491, AF153205, AF185576, E08631, U78525, AR038854, AL137292, AF162270, AL133067, E04233, AL080074, AL117649, U96683, AL117440, AL137476, X87582, AF210052, L13297, AC006371, E05822, AF051325, L30117, AL137656, AL050092, AC002467, AL133081, AL137533, AJ006417, X92070, AF091512
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340	HSDJF12	846362	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2060 of SEQ ID NO:340, b is an integer of 15 to 2074, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:340, and where b is greater than or equal to a + 14.	AW084558, AW409927, AW304724, AW136749, AI745388, AI979175, AW134503, AI817727, AA593923, AI675562, AA573915, AI652793, AI683795, AI922809, AI983612, AI984843, AA573905, AI656045, AI983786, AI984139, AI380162, AI361395, AI936791, AI479830, AL039924, AA588051, AW206967, AI590585, AI673630, AL045794, AW137010, AI347176, AI288836, AW170399, AI287323, AW271527, AI380626, AW197398, AW193824, AI869939, AI371858, AW013814, AI650707, AI861931, AI201641, AW050592, R00081, T02921, T53389, AA937517, AA552662, AW304869, AI015077, AI262657, AI309572, T24119, AI460271, T24112, AI932957, AI950720, AI652807, AL036630, AA327548, R72802, R50426, AI634175, AI986002, AI089131, R47791, AI659375, D51250, AL044412, AL044364, AL040992, AL039109, AL038531, AL037726, AI986009, AL039629, AL039625, AL039648, AL038837, AL039074, AL039678, AL039108, AL039538, AL039564, AL039156, AI880486, AL039659, AL039566, AL039509, AL039476, DB0253, AL039128, AL044407, H00069, D80043, AI418738, AL036973, AL045337, AL037051, AI973094, AI045353, AL039386, AL039423, AL045341, AI042909, AL039410, AL039150, D59787, AL038821, AL038025, AL044530, AL036725, D80219, D59275, AI043445, AI043422, D80227, AI535983, H26655, AI043586, AL043423, AL039521, D80240, AI719489, AI043441, D80210, R52030, D51423, AA327517, T23947, AW272341, D80134, AL036196, AA523545, D59619, D80193, AL037639, D80391, AW450335, AL037615, AW451070, AW241543, D80196, AL036767, AL039085, C14227, D59927, AI535783, AL036117, D80049, AA936966, AL037526, D80366, AI918271, D80168, AL036238, R47228, AW452756,
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	AL036679, AI652616, AL037601, AL039459, AW197366, D50995, T11051, D81026, AL039504, D25775, AL039842, D80045, H26610, C14014, C75259, AI968929, AW087283, AL036964, AL036733, AL036158, AL037027, AL036924, AL037054, AL036765, D59889, AA100205, C15076, AL038851, AL037177, D80022, AL036998, AI557751, AL037047, AL036227, D80038, AL037643, T23659, AL036133, AL036418, AL036650, AL037082, D80195, AL036163, AW293068, D58283, AL036207, AL037124, D81030, T11417, AL036191, AL036167, AL036132, AL037021, D80188, AL037049, AL036190, F13647, AL037601, AL037679, D51799, D80378, D59467, AL036139, T03269, AL036152, D50979, T48598, D80522, D80212, AL036900, C14429, C14298, D59502, AL037178, AL042334, AA514190, AL048425, AA285331, Z21582, AW451416, D80164, AL039555, D80166, D59859, D80269, D59695, D84239, AC006950, A25909, A85396, A86792, 195742, X68127, A44171, A85477, AR037157, AR062871, AR017907, AR062872, AR062873, AR067731, AR067732, A58522, A91750, A20702, A43189, A43188, A20700, A84772, A84776, A84773, A84775, A84774, AJ244003, AR036905, A95051, A95117, AR031374, A49700, AR031375, A58521, A38214, AR020969, I56772, I95540, AR018924, A63067, A51047, A63064, AR018923, A48774, A63072, A48775, AR068507, AR068506, AR015960, AR000007, AR015961, A18053, A23334, A75888, I70384, A60111, A23633, A23998, A95052, A98767, A18050, AR007512, A93963, A93964, I60241, I60242, AR043602, I63120, AR043603, AR043601, AR054109, A58524, A58523, AR025207, I03343, A24783, A24782, A81878, AR022240, E12615, AR035193, A92133, E14304, A27396, AR027100, I28266, A49045, E16678, A82653, E16636, A93016, 106859,
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		I18371, I25027, I26929, I44515, I26928, I26930, I26927, A58525, I49890, I44516, AR000006, AR038762, E13740, A58526, A91753, A10361, AF156296, E06034, AF156294, A64081, A13038, A29289, A67220, AJ244004, U87250, AR029417, AR067733, AR029418, AR067734, AR017908, A98467, A84746, AR028672, AR038066, I50882, A68112, A68104, I62368, AR031488, I13521, I52048, I44531, A17115, A18079, D34614, I15353, AR028669, AR028668, AR028667, AR028670, I66495, I66494, I66498, I66497, I66496, I66486, I66487, A02712, X73004, A71440, I19516, Z96142, I13349, A71435, A60109, V00745, AF118808, AR036903, A07699, A97211, E08322, I74623, A11245, A02710, A07700, A13392, A13393, I19517, A76773, I21869, AF156303, AR008430, A22413, A35536, A35537, A02135, A04663, A02136, A04664, I01992, D28584, I08051, AB012117, A70040, A92636, E03165, E16590, A97155, E02221, E13364, E01614, I00079, Y11923, AR028564, AJ244005, AR035975, AR035974, AR035977, AR035976, AR035978, I00081, A98420, A98423, A98432, A98436, A98417, A98427, A83643, I01968, Y17188, AR066482, A13388, E00974, A02228, E00954, E00952, E00953, E00955, I08049, I43960, AR021440, I08776, A10360, E02679, E02104, E02098, A92666, E02001, E01718, E02003, E02102, E03550, E02096, A28163, E02100, E01997, A58998, E02291, E02292, E02293, E01999, E02396, E02327, E01563, E02431, E01693, E01696	AI660957, AW361534, AW361532, AI802756, AW361521, AW361520, AW009763, AI660234, AI802693, AW361523, AI721275, AA581198, AW361522, AW361528, AA296955, AI721121, AA508854, AA297150, AW009764, D25727, AI687981, AI582072, AF127036, AF039400, AF095584, AB017156, AF039401, I95746
341	HWLFF02	846384	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2853 of SEQ ID NO:341, b is an integer of

		15 to 2867, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:341, and where b is greater than or equal to a + 14.	
342	HEMF121	8446750	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2117 of SEQ ID NO:342, b is an integer of 15 to 2131, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:342, and where b is greater than or equal to a + 14.
343	HWLWUW6	847289 6	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:343, b is an integer of 15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:343, and where b is greater than or equal to a + 14.
344	HNTGG90	847598	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2609 of SEQ ID NO:344, b is an integer of

		15 to 2623, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:344, and where b is greater than or equal to a + 14.	AI432990, AI304402, AW169352, AI281292, AI571869, AA903920, AI870764, W47446, AA723363, N42756, N95695, W19932, AI280866, R69043, AA716384, AI418610, AA450233, AI088649, AW151043, AA659568, AA856650, AA354839, AA838632, R98511, AA564435, AA883437, R62372, AA679587, W67566, Z39058, AA782520, T97702, N58339, R79680, AI915144, AA613781, AA523988, AW137697, AA921709, R77082, H20304, R98467, AA885375, N77708, AW390950, F02414, AA709073, R79868, AW271580, AA035802, N32539, AA662580, AI954846, AW375866, N69750, H68853, AI283622, AA377701, AI159746, F06141, Z42939, AA131600, T97803, AA831300, A1393223, AA569597, T55707, AA883625, H43183, A1583936, AA083681, AL042667, AL042670, AL031597, Z84477, AF090094, AC002316, AF141325, AL079342, AC004686, AP000152, AC002477, AP000355, AC007384, AC009247, Z84487, AL031667, AC006211, Z68884, Z83840, AL121825, AL008710, AL050307, AF001552, AC005859, AC005529, AP000211, AC008101, AC005899, AC004408, AL031659, AP000563, AC005527, Z93023, AC005225, AL021394, AC007676, AC005602, AB022785, AP000133, AP000694, AF196779, AC005488, AL121655, AC007225, AC007172, AC005368, AC003668, AC007671, AF111168, AC006023, AC005088, AL133243, AC005280, AC004003, L78810, AP000032, Z82208, AC016027, AL031283, AP000113, AP000045, AC007227, AC007021, AL031774, Z93241, AC005829, AL031587, AL049874, AJ246003, AC006241, AC011311, AL117694, AL031433, AP001052	AI120348, W60947, AI889160, AW338051, AW183915, W79237, W20187, AA724916, W94601, N24965, AI025936, R72926, R78423, AW177212, AA113262, AA678912, AA134994, AW089742, W78175, AW176796,
345	HELGG49	848119	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY	

	<p>the general formula of a-b, where a is any integer between 1 to 1829 of SEQ ID NO:345, b is an integer of 15 to 1843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:345, and where b is greater than or equal to a + 14.</p> <p>AW062704, W95179, AW387272, T96836, AW387269, T96835, AA135097, AW449740, AW178242, R51957, R78424, AI077762, R79882, AW176792, AI867344, R79787, R53624, N44777, AA983349, AA378399, AI274635, AA368087, N91033, AI866362, AW178250, AI590230, AW177211, AA385400, W32787, W60900, AA113408, AW387291, AI349482, AI687944, AI635016, AA804541, AW080157, AI673140, AI241923, AW083374, AI560569, AI866469, AI281825, AI473536, AI364167, AI499570, AI934011, R40363, AI638644, AI828239, AI290677, AI695726, AA641818, AW18311, AI828676, AI687127, AI915291, AW129264, AI813321, AI635851, AI274438, AI470717, AI590043, AI686601, AW089844, AI612750, AI479292, AW105296, AI613038, AI250282, AI524179, AW083572, AI679771, AI538564, H95782, AI580027, AI884318, AW103079, AI633125, AI744268, AI824688, AI419826, AI524626, AW152182, AI571439, AW238688, AW075382, AI678623, AI862024, AI636507, AI049733, AI863002, AI824458, AI701097, AW073677, AI636588, AI540354, AI568293, AI539690, AI670002, AI254731, AI282865, AI538566, AI536836, AI909697, W45039, AI670009, AI627893, AI521560, AI521005, AW105459, AW104141, AA811202, AA969375, AI866691, F37323, AW058304, AI887645, AA057833, AI138221, AI540831, AA765198, AI800648, AI698391, AW004606, AI370623, AI954475, AA743941, AI401697, AI768496, AW088691, AI582932, AI859932, AI619820, AI628325, AI434731, AI889189, AW079075, AI784214, AI632341, AI687809, AI582910, AW008226, AI872423, AI299035, AI683606, AI678446, AW151786, AW168452, AI584130, AW131294, AW198090, AI284484, AW078606,</p>
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			AI491775, AL043355, AL117587, AL137533, L10730, AF118558, AF080068, X59812, A77033, A77035, AF183393, X78627, AR020905, AR038854, U66075, AF100752, I89947, I48978, I32738, U35846, A17115, A18079, L10724, X9971, AR034821, AL137550, D4497, AL137271, AF115410, E01314, AL080163, A52184, Z13966, AR060156, S82852, I48979, AL023657, A15345, X97332, A233327, AL137530, AL050138, X68560, Z97214, AL137463, AL137480, AF061981, AL110280, X52220, S75997, X69026, AL080159, A07588, AL117416, AL137716, AL050092, AL137641, AC007559, U52688, A58545, L25851, I33984	AW299468, AI571337, AI963695, AI635374, AA932292, AW043706, AI302679, AA236679, AA767544, AI735388, AI590210, AI224546, AA234900, AI085872, AI632813, AI142800, AW002721, AI049665, AI269171, AW242940, AI741857, N68116, H05324, AA513076, R43971, R94225, A1653576, H24266, R97540, Z41226, N67392, AA991730, AA235171, N42646, AA303429, R94321, AP000010, AP00151, D87343	AA229611, AL037646, H92426, F24939, AA913850, AA301789, F24173, AA863362, AA484317, F17383, AA552077, AA431836, AA187337, AA364844, F20283, AA935826, AI140872, AA505475, AL037267, AI720966, AA308185, F24109, AA729615, AA654953, AW183987, AI310754, AA746763, AW024998, AA514223, AA385387, F19519, AA505536, AA352591, AI081659, AA426364, AI749192, AW025393, AI206102, AI620973, W31741, AA431433, AA406595, AI357163, F24201, AA353193, AW009735, AA534308, AW089790, AA746620, AA936908, AA973773,
346	HWLQ044	848746	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 870 of SEQ ID NO:346, b is an integer of 15 to 884, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:346, and where b is greater than or equal to a + 14.		
347	HFEBT64	849084	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:347, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:347, and where b is greater than		

			or equal to a + 14.	AW276943, AI379642, AA737877, AA419110, AA568159, AA419068, AI040090, AA320647, AI143261, AA913396, AI224989, AF052490, N89555, AW001413, AA303971, AA923726, AA359518, F27960, AI312304, W04646, AI284631, AW182543, AI313081, R74226, N85911, AA659531, AA583874, AA188463, AI613388, AI583257, AI312446, AI613369, AA013065, AI525653, AI541056, AI541046, AB028624, D50371, M64751, AA933669
348	HUVFL24	849114	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2526 of SEQ ID NO:348, b is an integer of 15 to 2540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:348, and where b is greater than or equal to a + 14.	AL048344, AI950115, AW172477, AW181913, AI983863, AA483410, AI680951, AI373684, AI679737, AI982807, AI702704, AI376630, AW364829, AW301257, AA577154, AI276100, AI392682, AI346228, AI755017, AI129655, AA483421, AI355958, AI377466, AI346226, AW243112, AA599194, AA291354, AI867449, AW192169, AI039401, AA993187, AI039363, AI347332, AW028446, AA195096, AW170760, AA088602, W94110, AI952683, AA903895, AI318372, NA43002, AI281045, AI751662, AW029488, AI824484, AA483504, AI969610, N33340, AI751802, AW190927, AW195790, AW377484, W78793, AI219284, D79873, AI272316, H70517, R51140, T90487, H94989, R58836, T48112, AA131709, T27668, R51032, AI271684, AI954409, AA195292, H13623, AA317601, AA374263, T90583, H13622, AA151617, AA319878, N84168, AA374874, D58222, D58305, AW029016, R39161, D62479, T11374, AA375326, AI048345, T60972, AW364822, U12535, I57339
349	HAMGR89	849143	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1912 of SEQ ID NO:349, b is an integer of	AI057104, AI924343, AW027047, AI346524, AW173054, AA262787, AA758013, AI224984, AI216119, AI037964, AA775452, AI243424, AA127640, AA917659, AA252367, AA554190, AA702120, AI075969, AA521393, AI912771, AI457766, AW003032, AI206978, AI498603, AI125226, AI351069, AA758629, AI333085,

		15 to 1926, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:349, and where b is greater than or equal to a + 14.	AI274357, AA769280, AI971427, AA127754, AI208861, AW263206, AA975805, AA879117, AA641956, AI332498, AA907144, AI914212, AA252744, AA863367, AA988829, AI798139, AA421392, AI129237, AA418903, AI831664, N33561, AI762673, AA252422, AI439043, AI972006, AI682191, AA778723, AA236305, AI684356, H30712, AA913482, AA421289, AA426549, AW135660, N67782, AI281008, AA758704, AA470805, AW058119, AA806087, AI521486, AI268155, AA826129, AI243015, AA069144, H252666, AI076789, AA730016, W03584, H44413, H21786, N33856, AA256211, R88667, AA262880, H14303, AA036951, AI572244, H41955, H21785, AA775368, AA872501, AA069232, AI492089, AW351843, AI344111, AI015706, AW138103, AW003047, AA524866, AA036992, AI949929, AI380912, H26793, AA845748, H41912, AA877131, AI910782, R88668, AA770241, AI265766, AA884896, AA627474, AI110676, AA757230, AA758959, U05343, U05342, AC006011, AF003187, AF090892
350	HKLSA58	849155	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1219 of SEQ ID NO:350, b is an integer of 15 to 1233, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:350, and where b is greater than or equal to a + 14.
351	HWLCG11	849159	Preferably excluded from the present invention are one or more polynucleotides comprising a

	<p>nuotide sequence described by the general formula of a-b, where a is any integer between 1 to 2496 of SEQ ID NO:351, b is an integer of 15 to 2510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:351, and where b is greater than or equal to a + 14.</p> <p>AA327251, AW361899, T11144, AW388291, T27413, T29474, AW362727, AW376234, AI720037, AW360762, AW376475, AW376508, AA152037, C17238, AA316326, C17271, AW383505, AW383659, AA132781, AW377083, AW377034, AW383654, R80286, H71086, AW376560, R32538, AW383479, N48836, R32065, C17144, C18584, AA369133, AW375748, AW383465, AI475371, AL047042, AW375755, AW375758, AL040243, AL121365, R20927, R73953, AI121270, AL047763, AI521012, AI064830, R82602, AL045500, AW162071, AI349772, AW071417, AL119791, AI436456, AW301409, AI349645, AI275175, AI433976, AI433157, AI697137, AI687728, R25474, AI636456, AI868831, AW071349, AW103371, AI866780, AW274192, AW117882, AI635461, AI440239, AI285735, AI620284, AI135661, AI702406, AI564719, H02270, AI538716, AW074993, AI445432, AI036146, AI349004, AI250293, AI625079, AW268253, AI815383, AI119748, AI340582, AI349933, AI036396, AI349256, AI568870, AI863014, AI612913, X98311, L31792, AF006622, M18728, E01972, M18216, I08158, AC004558, AC005797, AC005392, D90064, M29541, M29540, X52378, M17303, M20881, M94891, M21822, AR044683, X17097, E03349, I08160, M25385, U18469, AC004654, D12502, I08169, AC004610, A43167, AC005238, I08161, J03858, I08156, I08157, M33664, AC005260, U18468, E01630, M15042, X16354, U18467, M17908, AF006623, E03351, I08159, A43165, M69176, M72238, D90312, D90313, E03352, E03350, AR052808, AR052807, AC004785, AC005791, D90311, A43169, X16455, AC004603, A39900, E01971, E03348, M22434, M34420, M37399, A23031, M23575, M37397, M34715, M20879, J04539, M33663, M93061, X16356, M22312, M33665, M30629, M33666, M31125, M76742, S59494,</p>
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			M30628, M17082, M16234, U04349, M16337, AC002467, AC004559, M59256, M93705, AL096776, AF110325, I08155, I08165, M32624, M93701, L14724, M22311, I48979, AL110221, AF113690, AF090903
352	HMSJT69	849244	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2751 of SEQ ID NO:352, b is an integer of 15 to 2765, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:352, and where b is greater than or equal to a + 14.</p> <p>AL138385, AW069288, AI628359, AI052134, AA432267, AI458075, AI476266, AA431256, AI360949, AI768605, AA890563, AA838729, AI262833, AI567507, AA890333, AI089644, AA194632, AI373864, AI745574, AI056436, AI095714, AI280712, AI290941, AA810651, AA418342, AW024465, AA410342, W20080, AI435811, AA397706, AA838326, AA860500, AI472025, AI275854, AA156454, AW243125, W76607, AI139528, AI985532, AA626087, AA209472, AA279471, AI858171, AI920804, AI197937, AA676504, AI632833, AW130827, W31803, AA993680, AA007279, AA564981, N32441, W72009, AI274286, N35912, AI439836, AI653447, AI554346, AA418300, AA435925, AI038657, AA969728, AW193440, AA651840, AI694970, AA165622, AI368697, AA810662, AA630452, AA476639, AA193407, AI587402, N48087, AI199987, AA649126, AA854457, AI492972, W15321, H65871, N53285, AA780577, AI805624, AW194835, AI333349, AA194688, W04701, N25790, AW374110, AI539628, R83595, AA147583, AA757161, W16998, N23736, Z24876, AA115096, AA406255, AA630461, AA165658, F01168, AW338576, R70844, AA649290, AA093709, R70817, AA302403, W19813, AA639258, N58849, Z24907, AA342107, F01095, AA300170, AA913741, F00181, AA193643, AA731459, H65872, AA312979, T35617, N75263, R70790, AA115095, AI245223, AA372937, AI520754, AI887615, R39487, AA375943, AA887983, AA629147, AA363098, AA709267, N91475, AA424959, AA480455, F00193, N84408, R29459, AI273015, AI928137,</p>

	C00067, AA836506, N90014, AI556986, AA342108, R39488, AI590943, AI469280, AL138386, AI354609, AA211870, AA078889, AW087901, AW302965, AL048656, AI801152, N42321, AL036631, AI469532, AI933589, AL041150, AI932638, AW022636, AI537244, AI567582, AL120853, AI918449, AI872804, AI797908, AW162118, AL120254, AW050522, AI288050, AW161156, AI866465, AI973152, AA580663, AI274745, AW008353, AI254727, AW023338, AA613907, AA641818, AW059828, AI340603, AI345745, AW151136, AW022699, AI783504, AL040241, AL119836, AI340519, AI345608, AI859991, AI473451, AI610667, AI335426, AL041772, AI348777, AI345347, AI587121, AL036673, AI345471, AW161579, AI119863, AI623941, AI440239, AL036274, AI538342, AI580198, AI473536, AW129271, AI1267502, AI1312428, H89138, AA974049, AL045774, AL037454, AL038605, AW162189, AW020095, AI500061, AI119791, AI433157, AI702073, AI343091, AI801325, AI620284, AL047344, AL045349, AI537677, AW131139, AI697137, AI866770, AI343059, AI288285, AI699865, AI633125, AW023590, AR027227, AC006039, AC006254, M25757, AB021870, AB020203, D13062, D10373, I48978, Y11587, A08916, A08910, I89947, A08909, AF087943, AL110196, AL133568, AL137488, AF113694, AF183393, A08913, AL137529, AL133016, I48979, AL050393, X65873, AF097996, AF031147, AJ003118, S78214, AL117457, AF104032, A58524, A58523, E06743, AF069506, AR038854, I89931, Y11254, AL049382, AF146568, U91329, I49625, AL133010, AF079763, I30339, I30334, A08912, AL050172, AL133104, AL049283, AL110221, AL096744, AF177401, A03736, A08908, AF176651, E15569, AF113013, AF078844, AF119337, E02349,
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		AL137521, A65341, Z82022, AJ242859, AF026124, U96683, I66342, X72889, AR011880, AF026816, AF065135, AL137550, AF158248, U35846, AB019565, AL117648, AR000496, AF113699, U39656, AL049314, AF113691, E01614, E13364, AL080060, AF091084, AF113019, A18777, AR038969, AF067728, AL080159, AF132676, AF061836, E07108, AF090903, AL137705, AL050092, AJ006417, AF111112, S61953, AF113690, AJ000937, AL133080, AL049452, AF118090, AL137271, AL050108, AL080137, AF090901, AL050138, AF090934, E12747, X53587, AF162270, AL137429, AF100931, Y16645, AF118094, AL122050, AL117416, AF153205, I17544, AF090900, L31396, AL133565, L31397, AF207750, X82434, AL133558, AL049466, A77033, A77035, X62580, I46765, AL117649, AL050149, AF125948, AL110225, AF139986, AL137476, AL050277, AL137557, I33392, AL133640, X84990, AL133075, A07647, AF067790, AL117435, AL122121, AJ012755, AF061943, I68732, AL080074, I09360, AL117583, X92070, AL137533, AL122118, AF079765, X63574, I00734, U88966, I89934, X81464, E03348, AF113689, AL133093, AL137478, I42402, L30117, AL110197, AR059958, AL117460, AF125949, E00617, E00717, E00778, AL050146, AL117440, AL137656, S68736, AF185576, AL050155, AL133072, AL133606, AF008439, AL133560, E07361, AC002467, AL137556, AF017437, AF090943, U67958, AL049430, I03321, AL133081, AL122111, AL137459, AL133067, AL137538, AF111849, A93350, AF017152, AL133665, AL050116, S77771, AF090896, U80742, Y07905, AL137292, AF106862, AF032666, AF081197, X98834, AF081195, AL110218, A21103, AR013797, AB016226, AL049300, S36676, AF057300, AL133557, AF057299, AL122100, S79832, AF106657, X93495, L04504, AF022363, X83508, AL137300, AL137480, AL050024, A08911.
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			AL122110, AF113677
353	HRABQ68	849254	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1741 of SEQ ID NO:353, b is an integer of 15 to 1755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:353, and where b is greater than or equal to a + 14.</p> <p>AI658942, AI073501, AA115117, H98127, AI806706, AW168242, AI6555609, AI655984, AW274902, AW006899, AI885616, AI384005, AI862770, AI263856, AI805199, AI860971, W56482, AI927659, AI700992, AI478328, AA446933, AW005666, AI401220, AI002968, AI239846, AI991692, AW243427, AI431875, AI803408, AI934553, AW001841, AI888B998, AW236761, AI095646, AI933307, AA515023, AI767611, AW052057, AA732809, AI767365, AA483834, W19503, AI335894, AI769598, AI469185, AI373940, W77850, N24889, W76349, AA830445, AA910254, AI566141, AA393040, AA479892, AA446405, AA494336, AA705715, AA446102, AI915890, W72066, AI350242, AA968989, AA114984, AA694343, AI253128, AI924901, AI459276, AA777527, AA677612, AI347431, AA705410, W23147, AI380860, AI200130, AI376116, AI768679, N89909, AI985312, AI525783, AI275869, AI351640, AA831584, AI267998, Z44422, AA428481, R81016, AA037021, H05027, AI474669, T65440, N30410, AI805668, AI016763, AI474756, F19207, H09217, AA026056, AI867151, H26914, AI247857, AW004768, H05026, F11974, AW299503, H09160, H89142, H51707, AA3321265, AI194080, R22503, T65523, H84691, D57031, AA904940, F03518, R20788, AA412151, AI886333, AI470794, R22504, AI267943, N90505, N36309, AI191205, R20897, N69242, AI201656, N42442, R80813, W72126, AI370527, AI864366, AI565381, AI075116, AI474804, AI363797, D11903, AI362662, H28521, AA322013, AA319092, AI872426, D20588, AA683513</p>
354	H2CBM53	849301	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p> <p>AI870516, AI800720, AI609383, AW081618, AI559974, AI884700, AI924507, AI554441, AL041032, AI860536, AW411215, AI354984, AI200963, AW090831, AW173652, AI355847,</p>

		<p>the general formula of a-b, where a is any integer between 1 to 1945 of SEQ ID NO:354, b is an integer of 15 to 1959, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:354, and where b is greater than or equal to a + 14.</p> <p>AW193963, AI690567, AI671643, AW080817, AW439627, AI523666, AW190138, AA460115, AI815168, AA628750, AW303677, AW273126, AA307760, AA588505, AW081271, AA461467, AI476314, AI590145, AI367650, W38689, AI186122, AW194684, N93223, AW337835, AW009877, AW328092, AA729034, AA758334, AI762486, AA973275, AA629564, AI128342, AA393056, AA768796, AW409782, AI160818, AI201801, AA630695, AI147630, AI364925, AW410398, AA594880, AI273645, AW304994, AA069681, AI150181, AW089774, AI168015, AA583096, AW402669, AI217443, AA516446, AW008046, AA418741, AA418796, AL079630, AA235099, AA234818, AI582401, AA190876, AI214413, AI275005, AA947504, AI049585, AW006655, AA665857, AI061312, AI341729, AA086389, AA182616, AI277727, AI084902, AA055467, AA632690, AA099209, AI368922, AI457245, W40557, AI276424, AI224401, W42773, AA808372, AW439176, AA112869, AI492863, AA134430, AA666010, AW088139, AA134431, AW173464, AA099223, W96211, AA079789, AI866892, AA226901, AW263957, AW328091, D53195, AA100024, AA533486, W42771, N78824, AW193163, AA306634, AA612645, AI630109, AA503354, AA306812, AI183509, AI940112, AA190845, AA384761, T78592, AA329920, AA182548, AA085082, W07253, AA887837, AA329653, N99955, D53990, AI940109, AI097159, AI866784, D56186, AW088872, AA263176, AI591373, AA056273, AA761535, T79067, AA227011, AW089525, T90687, AW374308, AW410397, AI871389, AI718948, AA860113, AW405415, AA112665, AA361589, AA338825, N52617, T90242, AA315239, AA199595, T28236, AA079676, AA412729, AA055555, AA112666, AI678334, AA670138, AA299212, AA088904,</p>
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			AA308250, AW078992, AA136478, AA352473, AI885977, AA622899, AI557920, AI472504, AA263021, AI926362, D19880, T16465, AA378252, AA748823, D56311, N85193, AW361343, AA626604, AW410391, AA055687, AA054667, AA083863, AA344435, W40555, AA358220, AW004936, W96304, AL045598, AA740422, AW368315, AI204321, AA083969, AI685692, AI273278, AI354992, X55362, E05957, M20372, M92441, M87223, J04791, M16982, S64539, M20617, M10624, AR042893, X64710, M12330, M33764, X16277, M34158, M81740, J02813, M31061, X16910, U36394, X07392, J03733, X07944, J04792, M12331, D16972, X53271, D28365	AL037564, AA453720, AA210900, H98015, AA843650, AI040004, AI220995, AI016091, AI435584, AI334212, W32177, AI192446, AI082214, AI39914, N44254, N35637, AI284980, W47143, AA134775, W93029, N36380, AA134774, W92984, AA700090, AA806713, H82499, AI800392, AA832323, W47192, N26526, W93135, W92918, AA375408, N35098, AA887117, AA8871989, AA353433, N43841, AA872002, AW376122, D62615, AI582085, AA887456, AI868549, W32010, D62467, AA385192, AA447788, T26924, AA210901, T24867, N84003, N86900, AL036885, AA627889, W31385, I89947, AA872003, AA873883
355	HPRTG34	849317	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1053 of SEQ ID NO:355, b is an integer of 15 to 1067, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:355, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1009 of SEQ ID NO:356, b is an integer of 15 to 1023, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:356, and where b is greater than
356	HE8DO31	849332	AI246770, AI377933, AI761199, A1582622, AI819187, AW192622, AI762504, AI380444, AI123719, AA478657, AI126230, AI719024, AI921857, AI432426, AI022358, AI333183, AI810529, AI916005, AI84681, AI140905, AI343423, AI246424, AI250883, AI250885, AI200012, AW009851, AA181198, AA155749, AI332724, AI086038, AA856788, AI879585, AI879707, AI370881, AI347370, AI203506, AI360051, AA954858, AA970945, AW339115, AI081304, AI1879202, AI280414, AI346236,	

			or equal to a + 14.	AA847775, AA658469, AI025436, AI40971, N27005, AA832161, AI202673, AI1810468, AW083414, AI1219951, W19276, AA468676, AA812273, AA479197, W47357, AA256365, AA327573, AA256364, AA147387, H41525, N40127, AI738810, AA357136, AW135116, AW136509, AA364038, AA808931, AA187044, AI468337, AW044664, AI916117, AI698850, AI520913, AI768430, AI273687, AA535489, AI636213, H46492, R07159, W47356, AI885612, AA535798, AI498440, AA659491, AA327583, R07158, AA025435, AI928752, AA877568, AA053434, T25510, C02250, T26909, AA578776, D83198, Z60270
357	HAIDB85	849422	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1939 of SEQ ID NO:357, b is an integer of 15 to 1953, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:357, and where b is greater than or equal to a + 14.	AI633566, AL035927, AW082315, AI285786, AL037767, AI708861, AI419414, AI284177, AW192459, AI151396, AA612739, AA134855, AI815685, AA689334, AA586813, AA968598, AA304835, AA626463, AA001819, W49728, AA626099, AA127695, AI149127, AI750750, AA724294, AA452323, AA719312, AA315574, AA173084, AI034293, AW239174, AA844519, AA082487, AA253375, AA081790, AA282163, D51303, AI208895, AA810675, AA720605, W04959, AW407689, AA644649, AA334603, R13836, AI1366334, AI804247, AI264107, AA908291, AI102713, R86037, AA354729, AA131961, AA232457, AI383333, H06667, H12962, T81299, AA810674, AI377092, AA337127, W25665, AA196179, AA034964, Z21248, T54845, N39971, AA333529, T68528, AA356322, W00470, AI164635, AA644616, N42849, AA196152, X85724, AW365561, AA374119, AI284135, AI300595, AA164658, N53818, AA379168, T93858, AA242902, W01108, AI076637, AA083193, AI192401, AA242858, AI287983, AA232723, AA172366, AR000521, AL035071, U51196, U75920
358	HMCIR67	849471	Preferrably excluded from the present invention are one or more	AI421195, AI823602, AW007122, AI738743, AW075980, AI815121, AA576854, AA777517,

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2012 of SEQ ID NO:358, b is an integer of 15 to 2026, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:358, and where b is greater than or equal to a + 14.</p>	<p>AI033832, AI342602, AA536141, AI634282, AI202694, AI076677, AI057413, AA781616, AW297480, T50718, W92897, R48717, AA468674, AA533325, R48613, R93351, T50872, T27871, AI032233, AI419563, R76437, W92673, AI679196, AI948938, R76436, AI872272, R93352, AI424697, AI749473, M80647, M80646, L18868, D31798, D28773, L13128, AC004914, M74055, AC004961, S60133, AF107462, D34621, L36083, L36075, D34613, AC006021, D34625, L36087, U88978, L36086, D34624, L36081, D34619, D34623, L36082, L36085, D34620, U41333, L36079, D34617, L36076, L36078, D34616, D34614, L36084, D34622, U41329, D34618, L36080, D34615, L36077</p>
359	HKAJC79	<p>849492</p> <p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1785 of SEQ ID NO:359, b is an integer of 15 to 1799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:359, and where b is greater than or equal to a + 14.</p>	<p>AA742540, AI949524, AW009332, AI201176, AI768723, AA715094, AA831472, AW102922, AI499236, AI823369, AW261975, AW152666, AA457035, AI983270, AW418518, AW268358, AI672287, AI680566, AA877765, AA572955, AI937271, AA251282, AA126413, AA477257, AA6668906, AW273880, AI985481, AA668840, AA890291, AA779485, AA632088, AA490994, AA934761, AA464997, AW152662, AA779468, AA491190, AI910978, AA719863, AA719844, AA814688, AI088595, AI864615, H98197, AA946609, AI201916, AA932316, AA621623, AA484077, AA743202, AI129689, AI142981, AA864712, AI368073, AA310074, AI079256, AA736521, AI434206, AA405892, AA736756, AA862664, AA772608, AA455277, AI022982, AA861894, AA975691, AA053973, AI089987, AI707806, AI150546, AA824433, AA774459, AA405768, AA010721, AA477905, AI148247, AA629311, AI087197, AA011168, AA554239, AA772485, AA251691, AA427464, AA932687, AI825437, AA877501, AI768582, AA779638, R77334, H99885,</p>

			<p>AA456879, AA046249, T74509, AA865588, AA815149,      T78289, H71005, AA019149, W52322, N55011,      AI631616, H24844, H47049, AI934170, H58128,      T07785, AA531525, AW129329, R66628, AI261961,      AA991725, AA629053, H99921, AA531560, H21398,      R38023, AI453401, AW002331, R69000, T91190,      R77280, R09085, T24004, H58129, AA099598,      F12475, H94358, T40435, H03006, AA483171,      T28233, F00855, H75331, R83645, AA018371,      AW379482, H61533, H01774, AI748829, R80893,      AA578112, R66629, H01025, N28571, R38160,      AA877775, H46510, T84698, AA046368, AA598492,      D54847, H98126, AA035270, N77201, AA126538,      N73849, AI439580, AI436620, AW364833, AA552980,      R97162, AI630014, M74525, AC001479, X53251,      U57690, X96859, M62388, M62387, AF144083,      U04308, AC005354, U04306, U04303, U04304</p> <p>AA907128, AI017816, AW169350, W46974, R46497,      AW449613, AW292741, AA531185, R41684, AA834533,      AI075225, AW338342, H97931, AI813765, AA862837,      AW058435, AA862832, AI635400, H71799, AI698932,      AI832997, R41518, AI422989, AA190880, T16160,      AA069733, AW023243, AA204873, AA743455, R98696,      AA370347, AA806415, N71872, AW408592, D20034,      AW296083, AL045327, AL045328, AL134524,      AI134110, N73655, H62822, AL047163, AL037295,      AL038838, AL037343, AI547295, AL042898,      AL038983, AI142134, AL037436, AL037335,      AL037323, AL037727, AL037443, AL038532,      AL044125, AL041347, AL037435, AL038822,      AL040193, AL044162, AL047012, AL043923,      AL043814, AL040463, AL047170, AL041238,      AL044186, AL044037, AL040617, AL043496,</p>
360	HCRMP14	849534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 496 of SEQ ID NO:360, b is an integer of 15 to 510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:360, and where b is greater than or equal to a + 14.</p>

	AL041635, AL040294, AL043845, AL044064, AL041459, AL041577, AL047219, AL038761, AL040625, AL045684, AL041752, AL043538, AL040621, AL046850, AL040768, AL046994, AL046914, AL040052, AL040464, AL040510, AL043467, AL043677, AL040839, AL043492, AL041602, AL044074, AL041730, AL041523, AL043627, AL041374, AL040576, AL043848, AL043570, AL047183, AL040472, AL045753, AL041324, AL040444, AL046442, AL041133, AL042135, AL045671, AL039316, AL041098, AL040322, AL038651, AL046392, AL041955, AL039360, AL039643, AL040119, AL044272, AL041096, AL044258, D29033, AL042096, AL041168, AL041163, AL041159, AL041246, AL045920, AL040148, AL047057, AL041296, AL040458, AL044187, AL041358, AL041086, AL041292, AL049018, AL045990, AL040571, AL041346, AL041142, AL040332, AL038745, AL045817, AL039338, AL079878, AL040075, AL079852, AL037341, AL040529, AL041197, AL041233, AL046330, AL044274, AL040745, AL040370, AL039432, AL040128, AL048677, AL044199, AL040553, AL047037, AL047036, AL040342, AL041186, AL040414, AL040149, AL038878, AL039744, AL041277, AL040285, AL040155, AL040091, AL044165, AL041131, AL043941, AL040090, AL037279, AL045989, AL041051, AL040168, AI318479, AL043775, AL041344, AL040253, AL041227, AL040082, AL045857, AI547291, AL040329, AL135012, AL041278, AL043444, AL048714, AL038024, AL047340, AL040263, AL042523, AL048657, AL045494, AL040238, AL040255, AL042468, AL045725, AL042420, AL045891, AL039915, AL043612, AL038040, AW363350, AL042655, AL038041,
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			AI547258, AI042741, AL038463, AL043089, AL043321, AL046356, AL042488, AF052178, AJ238010, AR066494, AR064707, A93923, D17247, A93916, A93931, A85203, AL122101, AL133053, AL133074, AR023813, AL133049
361	HPRAO21	849565	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1073 of SEQ ID NO:361, b is an integer of 15 to 1087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:361, and where b is greater than or equal to a + 14.</p> <p>AI052135, AI890107, AI686770, AI963006, AI984506, AI961271, AA843515, AI220462, AI419384, AA885293, AI207618, AI963413, AI459597, AW025000, AA603448, AW363852, AI758891, AW392559, AA989465, AA503215, AI830067, AI034409, AA470621, AI673484, AI140068, AI040846, AI219825, AA864780, AI922639, AA933051, AI864888, AA865451, AA694072, AI146368, AA992845, N36326, AI493767, AA845369, AI278500, N32540, AI298514, AI000823, AI276994, AA781543, N29985, AW007592, AI354457, AW169756, N29254, AW192206, AA971940, AA938756, AW002816, AI270311, AI052332, AI660591, W44763, W17329, AA534770, AW380393, AA974319, H97778, AW023687, AI299161, AI300275, AI282801, AA729903, AW392564, N25177, AI872857, C75063, AW362058, N20541, T29041, H70688, AA828722, N91557, AW379047, H66828, AW392567, H72848, N68129, T62868, AI690659, N90163, AW151492, H88000, N93149, AI127148, H72404, AA341079, AW079633, AI818665, AW379016, N30761, AI570742, AA370668, AW379021, AI570730, N477849, W86859, H16104, R89407, D29131, AI459018, R21200, T58996, AA370507, AA724664, H15806, AW392560, AI872592, R89322, AI041668, N36044, AI420834, T59069, AA665915, W39110, AI932569, R76517, T62718, R76518, W02950, H90052, W19111, R22815, N85687, AW131986, AA345529, R21927, AA886259, N71586, AA366223, T25987, T11384, H88174, D29295, W38680, R22577, W73312, N32629, H66827, Z35415, Z13009</p>

362	HAIBU93	849583	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2259 of SEQ ID NO:362, b is an integer of 15 to 2273, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:362, and where b is greater than NO:362, and where b is greater than or equal to a + 14.	AA399232, AA214221, AA214177, AA459064, AI217132, AW339584, AA398082, AA442330, AW294203, AI917452, AW403072, AI220568, AA458874, AA193291, AW370558, AW370567, AA417244, AI761150, AA906703, C01285, W27419, AA810767, AI952624, R15252, T05960, AW105600, N50941, T15642, AA813317, AA992859, T35055, H15240, AA340392, AI016379, AI187986, AI798100, AA781802, AA379493, H15178, AW370622, AI783874, AA369389, AW370623, AA194237, T25074, AA808556, AI358612, AL041918, AW191003, 164695, AL031602, X70514, E01614, E13364
363	HCFMH52	849589	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1834 of SEQ ID NO:363, b is an integer of 15 to 1848, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:363, and where b is greater than NO:363, and where b is greater than or equal to a + 14.	AW392529, AI174700, AW392532, AI1816050, AA173896, AL044183, N28894, AI276665, AA488136, AW235051, AA425206, AA173973, AA143588, AI088813, AI375591, AI682282, AA131957, AA552394, AI372077, AI185968, AI189556, AA131870, AA195221, AW405832, AI913758, H11682, AI160025, AI080684, AI274922, N42210, W31775, N56608, AA173540, AW006017, AA970729, AA173599, AI141364, N40261, AA769471, AA765730, AA143589, AA805505, D53701, AA835965, AA160875, AI128815, AW439438, AI358415, H73591, AW006016, AA101513, AA918239, AA085473, AA101590, W04674, AA975223, AI445105, N29653, AA766497, AA338102, H85230, H11594, AA354823, AI289645, AA356478, AA189014, AA429650, R85283, AW392524, AI565353, AA732660, AI942444, H98176, AA189015, AA825691, AW193155, AA159876, AA101512, AI620615, H73817, W25687, AA912092, AA356309, R34828, R84501, AW406393, AA373687, D60569, T24902, AA425651, H49162, T89376, AA432349, AW188489, AA813807, AI380128, AI471358, AA295075, Z21155, AW381345, T80058, AI827055, AI619999, AA256402, AA256194, AA503863, AI918437, AI358712, R58308, AL041924, AI282253, AI250821, AL110373, AL042694,

			AL045943, AI912496, AI274626, AI242505, AL042377, AF760655, AI691006, AB009282, AR052337, Y12517, X96392, AI031732, AC002416, AC005296, AP000152, AC018769, AC006203, AL031681, AC004832, AL031281, Z98036, AP000011, AC004797, AC002540, AL008735, AP000104, AC004554, AL034417, X78627, AC007390, AC005224, AL049557, AC004383, AC005585, AL030998, AC006222, AP000340, AP000344	AW300205, AI634862, AI636211, AW117753, N91173, AW168897, AA983273, AW002887, AI435122, AI674869, AI374834, AW081459, AW271351, AW237603, AI818463, AI025174, AI559577, AA758512, N48695, AI492924, AW168956, AA291263, AI476602, AA209287, AI953330, AI702174, AI590318, N29813, AA653205, AA908587, W19735, AI679742, AA255954, N49753, M86083, AI303020, AA148623, N89992, T31216, T16818, AW087559, N72208, AA642349, N45545, AL044337, W19616, AA256117, AI276869, N52681, T86722, N59844, N51450, AA319376, D61438, AW391658, W31671, AI702072, AI623267, AI692792, AI014575, AW151467, AW389355, D57869, N22895, AW449444, N55976, N90029, W17143, AF020762
364	HMVAE41	849658	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1794 of SEQ ID NO:364, b is an integer of 15 to 1808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:364, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:365, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:365, and where b is greater than or equal to a + 14.
365	HMSDT39	849666	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:365, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:365, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:365, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:365, and where b is greater than or equal to a + 14.

	AI565547, AA420886, AA541658, AA121148, AI282967, AI862584, AA935695, AI767434, AA732156, AI538727, R70257, AI367619, AI435015, AI695001, AI500534, AA463702, AW072210, AI681713, AA764755, AI261773, AA577037, AW270152, AA522789, AI209005, AI352465, AA993024, AW119091, AW005720, AA121128, AI470307, AA961169, AI628473, AA486942, AA632943, AA470737, AI652250, AI581601, AI915065, AI332465, AI770027, AI971332, T28946, AA306606, AI420057, AA935777, AA532671, AI631581, AI341401, AI829777, AI380770, R70307, AA486766, AI630939, H49082, H49164, AI208022, AA299673, AA532764, AA844602, N94413, AW384764, F17865, AA985013, AA770317, AA663958, H45766, N47133, AA463764, R76630, AW276648, AI16046, AA764756, H45767, AW169784, AI633300, AI537643, AI800473, AI537677, AI873638, AI612057, AI345677, AI345688, AI927233, AI886594, AI653402, AI357644, AI866419, AW085373, AI560545, AI679261, AA580663, AI3666985, AI628188, AI308035, AW268060, AW302973, AW079432, AW302073, AW169671, AI932739, AI318254, AI500113, AW191844, AW080076, AW081383, AI589428, AW051088, AI539781, AI249877, AI434242, AW148882, AI349646, AW082532, AI797794, AI587606, AW079334, AI633061, AI866691, AI358213, AI613471, AI318609, AI933992, AW268261, AW163834, AI915210, AW411412, AI309420, AW182790, AI348847, AW051727, AI886016, AI798271, AW088903, AI954721, AI250646, AA693331, AI569367, AI446023, AI888621, AI860697, AI357599, AA070889, AI539707, AW195943, AI144116, AI376376, AI289791, AW075382, AI138452, AI866919, H03560, AI612068, AI345787.
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		AL043084, M94345, X54511, U12026, AF199027, E03348, E03349, A45787, AF143957, A18777, AF205861, X59414, AF161699, U77594, S78214, I48978, AL137521, X82434, Y14314, AL050155, AB028451, M86826, U96683, U67958, U75604, X83544, S77771, I29004, X66417, AF113690, AF016271, AL050138, U36585, X83508, AR038854, AL133636, AF067420, AR029490, AL137555, X99717, I25049, A52563, AR012379, E12579, AF026008, AL110224, AJ012582, AL035407, AL137627, A07588, AF036941, Z13966, A08913, AL137574, Y13653, I89931, AF175903, A08912, U83172, A08910, AF055917, A08911, AC007390, I49625, A08909, AL117648, Y11435, L19437, AB026995, AF089818, AF132676, AF061836, AL049460, AF017152, AF158248, U62966, AC004383, AR016469, A08907, A08908, AF038847, S76508, AF114168, I89934, AL034417, AL049347, A32826, A32827, S61953, AF100931, AL049339, A65340, AL117583, AB007812, AF118558, U00686, I66342, AF040751, AL137254, AL133619, AR068466, AL117629, AR053103, A18788, Z98036, AF035161, AL137659, AF169154, AL137461, X84990, AF162270, I30339, I30334, AL049466, AF113691, AF022813, AL122111, X63162, E12580, I89947, AL137294, AC004213, AL022170, AR029580, S54890, Y11587, AL137478, AL117626, AL137271, AF155119, AF183393, AL137554, X57084, AL023657, AL096744, I25048, AF044323, AF151109, U80742, I32738, E01963, AL117432, AL133049, AL110280, AF012536, AF065135, A57389, I42402, L30117, S68736, AF004162, AL137665, U88966, AL031346, AF095901, AC004987, D55641, E12747, AF111112, A30330, A30331, A21103, AF000167, AF097996, AF067728, X87582, A65341, E05822, AF215669, X99257, I48979, AF162782, AL122106, L13297, AL117416, X55446, AR060156, AL080127, E07108,
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			AL137705, AF030513, AR068182, AF098162, AF182215, X52128, AC002464, AC005291, AF016628, AL137300, A65965, AF017437, L10353, AF118064, A83556, AF061263, I33392, AL133099, I36502, AF061795, AF151685, AL133016, AF125948, AJ003118, AL137547, AL080137, A65943, AF106934, AL096751, AF085809, AL133606, U75370, AL137268, X99226, AL133623, I89944, AL034400, AC006112, AF148129, AR000496, U39656, AL050277, Z30970, AL137267, AL137556, AL137523, AL078630, E15582, AF134726, D83989, E04233	AW000957, AI149682, N54552, AA677417, AI004751, AA992602, AW080433, AA508779, AI268652, AA836008, AW402796, AA720688, AA233670, AW193422, AW337371, AW302406, AW367620, AA233609, AA887284, AA081954, AA630594, AI190420, T55505, R07480, T55428, T10635, AI682187, AI264725, F03986, R07532, T97965, AW367619, AA384042, AW391626, AI620711, AW367850, AF0422378, AJ003061, AJ003062, AF052663, L13801, L13800	AW134989, W29043, AW137089, AA310151, AW137100, AA280092, AA652688, AI922824, AW292281, AI798823, AI986453, AI083672, AA489006, AI831941, AI383505, AI085344, AI356359, AA041528, R52438, AA030002, AA972328, AA524059, AI223070, AI580243, AA732474, AA825704, AI381602, AA252748, AA480915, AA028986, T17469, AW070405, AW102620, AA911995, T16192, AA805396, R52453, AA814395, AA749176, AA814416, AA721721, correspond to the positions of nucleotide residues shown in SEQ ID NO:367, and where b is greater than or equal to a + 14.
366	HE8NPK24	849679	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2124 of SEQ ID NO:366, b is an integer of 15 to 2138, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:366, and where b is greater than or equal to a + 14.		
367	HWHQPO8	849741	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3165 of SEQ ID NO:367, b is an integer of 15 to 3179, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:367, and where b is greater than or equal to a + 14.		

	AI061316, AA621468, AI702252, AA325608, AI638016, T77415, AA862644, T67229, AW194681, AA954305, AW408608, AI678021, AI289766, AW166565, AW243385, F09137, T17470, AI288152, AA262884, R39524, R40013, AI559481, AI208984, AI783861, AI636719, AI866127, AA848053, AI619716, AI932949, AI625464, AI473451, AI431909, AI859464, AI474107, AA911767, AW149925, AW243886, AI633125, AI539632, AI799199, AI670009, AI955906, AI799234, AA833760, AI624293, AI886206, AW087534, AI433157, AI702073, AI344785, AW163823, AA830821, AI868204, AI570807, AI470293, AW026882, AI927755, AW152182, AI568138, AL121037, AI873644, AI538564, AI567351, AL110306, AI499263, AI623363, AI929108, AI915291, AI884318, H42825, AI263331, AA640779, AW024889, AL046466, AI699011, AI340603, AI611348, AI624529, AI817552, AI654750, AW026610, AL037041, AI689420, AI073952, H89138, AI573026, AI364788, AL047100, AI308032, AI620868, AA614183, AI866002, AI697324, AW090498, AI924971, AI498579, AI566630, AI623682, AW075667, AA427700, AI805688, AL046990, AI648684, AI433021, AI915243, AA916372, AW089258, AI919345, AI698401, AI1249877, AI699862, AI560171, AI537837, AA464646, AI468872, AW130863, AA603709, AW083804, AW059713, AI445992, AW088903, AI537677, AW088134, AI537244, AI590021, AI282355, AI439087, AI249962, AW089179, AI367210, AI610645, AI696819, AW129929, AI274769, AI590686, AI587606, AW151714, AI422985, AW129230, AW081255, AI277008, AI888621, AI696969, AA464027, AI242736, AI686554, AI686823, AI436644, AI680457,
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	AI952302, AI288050, AI867042, AI539771, AI254727, AI569328, AI048656, AI446124, AA983883, AI476077, AI251830, AI365256, AI6335299, AI798303, AW085786, AW151729, N22406, AW265004, AA807088, AI280670, AW148716, AI280661, AI698427, AI436429, AW193203, AI537617, AI680498, AL041220, AI922577, AI802240, AI874151, AI471361, AW191844, AW162071, AI648567, AI701975, AW088899, AI648408, AI890628, AI613017, AI280689, AI366549, AF054997, A61088, AB022021, E15569, A12297, X92070, AL137526, I48978, AL122106, AL133113, AF104032, X80340, A08916, AL080060, A18777, AB013464, AF118070, AL110280, AL080124, I8947, A08913, AF003737, A08912, U80742, A08910, E03348, I89931, A08909, AF090900, I49625, A08908, AF159615, AL137705, AR038B54, AF119337, AL050024, AR019470, I66342, I42402, U58996, AF153205, Y09972, AJ242859, X65873, A03736, S68736, AF162270, AF051337, M86826, AL080074, AL080086, AL133645, AL117432, AL122111, AF106657, AF008439, AB019565, AL133104, AL049300, AL110196, Y10080, AF125949, AF079765, AJ006417, AL137300, AL133093, AL122050, AL049314, AL080127, X52128, AL133568, AL050092, AF057300, AF057299, AC002467, AF012536, AF113690, AL133565, AJ238278, AL122098, AF017152, U96683, AF158248, AF185576, E02221, I89934, I89944, S61953, L30117, Y11254, AL137556, AL133081, AL133557, AL133014, AL080137, X63574, S76508, I68732, AF067790, AF113694, AL133558, E04233, AL117583, I48979, AL117585, S78214, AR011880, I41145, AF090934, I26207, Y16645, AF118064, AF065135, AL133640, Z37987, AF118090, Z72491, AL137648, AL117460, AL117649, AJ003118, AL137294, AF061943,
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			AL137276, AF111112, U00763, X79812, AL133077, AL080158, L31396, AF090896, X93495, L31397, X53587, U72620, X63410, AF110329, X00861, AR038969, AL049466, AL049430, AB007812, AL117578, AF113676, U78525, AL050277, AF118094, I09360, E02349, X84990, AF061795, AF151685, AL049465, AL122118, X81464, AL122110, AL137429, AF113677, AL137557, X87582, E05822, U67958, X62580, I33392, AF132676, AF061836, AL110197, AL137538, U00686, A45787, AF040751, AF030513, AL137527, AL050138, I80064, AL049452, AF106862, AF000145, X98834, A93016, A08907, AF114170, AL137283, AF067728, X70685, AF079763, AF000301, AL050146, AL137656, AL117394, E06743, AL050393, AF061573, I00734, A08911, AL137539, A58524, AL137463, A58523, AF113019, AL122049, AF113689, Y11587, AL137478, AF051325, AL049382, AL080154, AF210052, AF183393, AF026124, A07647, AL110221, AL133665, S69510, AL050116, AL137712, AL122045, E00617, E00717, E00778, U49434, AL137658, AL137488, S79832, AL133010, U42766, AF113691, AF022363, AL137292, AF137367, A18788, AL049460, AF100931, AL133606, E02253, AR000496, AF113699, U39656, A90832, Y14314, AL133016, A08915, AF146568, U66274, AL122121, E12747, AF026816, AL133072, AB016226	AI005359, AI694315, AI972612, AI082065, AL036211, AI754870, AW008284, AI753702, AA180902, AA453712, AW388278, AW021211, AA922030, N26071, AI288322, AA009423, W49749, W73146, AA614058, AI189484, AI445135, AI246036, AI186112, AI089442, W95921, AW378467, AI052141, AA973256, AA778174, AW081659, AA134129, W73174, AA595090, AW388639, AL036065, AA872130, AA009727, AI249673, AI089346, AW081295, AA152095, AI493759, AI198768,
368	HCRPJ23	849783	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1812 of SEQ ID NO:368, b is an integer of 15 to 1826, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	

	<p>NO :368, and where b is greater than or equal to a + 14.</p> <p>AI095592, AA9888673, AW192264, AI360686,      AI075646, AI127970, AI476448, AI909705,      AW103076, AI921172, AA442058, AI983996,      AI038329, AW007632, AI015146, AW191944,      AI570803, W47165, W49665, AI623383, AW130296,      AI813857, AI565173, AW264689, AA932684,      AI890795, AI261258, AI889762, AI889623, W35237,      AW176280, AI566515, AI961919, AW069080,      AA026409, AA152021, AI567800, AI886097, N40433,      AI985741, AI623335, AI683566, AI623369,      AI598274, AI624600, AI676240, AI814850,      AI955731, AI858730, R58670, AI913077, AI678789,      AI870552, H27256, AI569941, AI870688, AW339093,      AI687790, AW192291, AI358146, AI445362,      AI436434, AA582996, AW439550, AW190961,      AW074180, AW020905, H50566, AW130924, AW190851,      AW190930, AW130861, C17793, AW130713, AI829567,      AA036658, AI916475, AA541427, AW190064,      AW192279, AI269867, C01855, AW316967, H62651,      AI583573, AA329660, H03678, AA570205, AW190004,      H97890, H50567, R36357, N30685, AW057827,      AI983667, AI476453, AI274588, AI561137,      AA441945, AI814955, AI282943, AA953589, H42353,      AI683009, AW242195, AW303685, AW276332, C15892,      AA405149, AI955758, W95922, N64264, AA868993,      AA033923, AI286292, AA405610, C16363, H62568,      AI470055, AA917644, AW104088, C18198, AI827141,      AI571657, AA328579, R64269, AI864163, AA368990,      AA298282, AA447781, AA328712, AI590011, R73008,      C02550, AW419142, AA852576, C16424, H54085,      AI933573, AA505508, AA361442, R89380, R73611,      AI49592, H43123, AI682596, AI273125, AI679681,      AA852577, AI679107, AA328516, H02311, AA295427,      AA297005, AW439074, H54084, AA360662, AI801321,      AA298288, AA298272, AA298216, AA722944,      AA358056, AA298090, AI926006, AA3333978, W72242,</p>
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		AA369007, AW103312, AI583434, AI583035, AA888720, AA385234, AI758456, AA372254, AI868202, AA722767, R58323, AL037142, AI926090, AA330252, AW152009, W76087, AW103329, AA297765, AI824777, AA331081, AA361083, AA361157, AI932852, R25637, AW380002, C16588, AW338537, AI752974, AI561308, AI597986, AA298207, AW051093, H25313, AL048396, AI866075, AW192994, AI473604, AA010935, AA035657, U21128, U18728, AC007115, L11063, X84039, AF020292, S68736, Z82022, AL137533, AF111112, AL137271, AL096744, I48978, AL110225, U72620, I89947, A08910, A08909, AF097996, AL133113, AR038969, AL137523, AL050146, A08916, A08913, AL133031, AL137459, AL136842, AL080137, AL050149, I08319, AL122110, X79812, AL122098, AF106862, AL110196, AL137550, U91329, X65873, AL122121, I89931, AF090934, Y16645, AJ00937, AF087943, I33392, AF090903, AF118064, AL133560, I49625, AR038854, I48979, AL122123, AF158248, AF091084, A08908, AL080074, AL117435, AF113019, A77033, A77035, AL133075, AL133568, AF090901, AL133080, AF113699, AL133016, I09499, AF177401, AL133606, AF113694, AL137283, I26207, AL049314, AL117457, AF079765, L24896, X53587, S78214, AL137463, S61953, AF017437, AL133640, A08912, AF125948, I41145, AB019565, Y10655, AL122050, E07108, AJ006417, A58524, A58523, X82434, AF100931, AL122049, Y11254, AF111851, AF183393, AL080158, X92070, AL049466, AL117460, I92592, A91160, A12297, X63574, X66417, AF118094, AL050024, U67958, AF051325, U02885, AL133557, AF126488, I03321, Z37987, AF090900, A14605, AF113676, AL122118, I29004, AF113677, AL080159, AL137560, AF069506, AL137648, AF125949, AF090896, AL133565, AF057300, AF057299, AL049464, A65341, AF118070,
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			AL137478, AR000496, X62580, AL049382, U39656, AF079763, Y09972, AL049452, U68387, AL050108, AL137658, U80742, AL122093, AL050393, U35846, U4276, AL110222, E02221, E15569, A93016, U00763, AL080086, AL133067, I00734, AF067728, E02349, AF210052, AL133098, AL137538, U68233, AF017152, AL080156, AL050116, AL133014, AF146568, AF061573, A18777, AL137556, AL050277, AL04938, AL049283, AF106827, I17767, I30339, I30334, E01614, E13364, AL137476, AF113013, AF162270, E03348, L13297, E05822, AL049430, AF153205, AB007812, AF026124, AL110221, U31501, AL117394, AL137294, AL133072, AF085809, A03736, AF104032, AL137479, X98834, I89934, AF119337, AL133104, L19437, I09360, AF031147, AL133081, I42402, AJ242859, AR059958, AJ238278, AL117585, I66342, AF106657, X57961, AF081197, AF081195, I68732, X72889, AR011880, AF003737, AF113690, AF090943, AL137557, AL133093, X70685, A07647, E08631, U66274, AL133077, R25957, R27018, R35985, R64157, R68317, H88594, H97065, W23782, AA026485, AA126576, AA257032, AA642773, AA642836, AA094426, AA216327, AA599579, T25001	Z44246, AA053435, R56150, H67892, H13387, F12033, T65636, AW451795, R78086, T65661, W80585, AL133026, AC007406
369	HTOAC26	850211	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 825 of SEQ ID NO:369, b is an integer of 15 to 839, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:369, and where b is greater than or equal to a + 14.	Preferably excluded from the
370	HUVQCQ41	850254	Preferably excluded from the	AL040881, AI139241, AI637855, AI290255,

	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2301 of SEQ ID NO:370, b is an integer of 15 to 2315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:370, and where b is greater than or equal to a + 14.</p>	AA620401, AI126739, AA194023, AI128399, AI457095, AI479504, AW022180, AA854196, AI628702, AI146726, AI457402, AW237805, AA137220, AW243056, AA128469, W39694, AI093822, AI285858, AI804452, AI917541, AA482469, AI246264, C18060, AI678247, W19097, AA121936, AI884338, AA136193, AI824933, AA085549, AI039613, AI1613131, AW173141, R81896, AI610844, AI867539, AL046066, AA235841, AW294375, AA296509, AA452887, AI242498, AA128329, R99534, AA101808, R81794, AA969044, AI356140, R99547, H04087, R62827, AI479480, R67319, AA360704, F00845, T94212, Z28653, AA194211, F00848, R66479, AA621305, R33374, AA581247, AA121935, AA426407, AI784040, AL079734, AL038842, AI675688, Z28650, AA515728, AA282951, T94123, AA832444, AA825827, AI633909, R23035, AA765925, AW304580, AI066646, AW243793, AL041894, AI620585, R62878, AW069227, AW327624, AA410788, AI783911, AA084609, AA502991, AA602906, AA904211, AI955029, AA706495, AA284247, AW021917, AA582554, R33375, AW188742, AA515048, AI679413, AA832175, AA563770, AI280266, AI654738, AI755202, AI357628, T74524, AI251591, AL042753, AI587349, AI471476, AI634187, AA228778, AW157731, AW275432, AI581486, AI434686, AA630854, AA493226, AA832145, AA715173, AI049534, AA056248, AA715075, AI754170, AW338021, AI457313, AA456924, W31597, AA487475, AA719073, T50061, AA534064, AA595770, AI963856, AA713705, AW265614, AW089950, AI056177, AA182731, F24728, AI669421, AA559166, AI369580, AI289505, AI744830, AW069412, AA809546, R99535, AA130647, AA121777, AA829036, AA483606, AA598927, AA829065, AI439393, AI792072, AI274011, AI431513, AW384449,
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	AA653612, AL037714, AI276298, AA527209, AA608667, AA570740, AI798407, AI758424, H54252, AA601674, AA668147, AA548886, AA568204, AI376239, AI912401, AI889579, AA127222, AI821881, AI267356, AI821918, R83708, AL048925, AW328000, AW419389, AA468196, AC005215, AC002996, AC005839, S42653, AL024508, M87914, Z95152, AC005288, AC003950, AL023096, AC002390, AL021453, AC005091, AC001226, AL121658, AC006430, AC005920, AC004148, AJ246003, AL031228, AC012384, AL121825, AL133500, AC007216, AC005011, AJ236701, AL022578, AL022313, AC002477, AC004703, AC005075, AL049563, Z97989, AC007327, AL031010, AC006966, AC009044, AC005256, Z951115, AC004701, AF155238, AC005922, Z97205, U07563, AF196971, AC002430, AC004849, AL121655, AC005516, AC000373, AC004972, AC007384, AL132777, AC009509, AC005756, AC020663, AC003119, AC007684, AL035633, AC004834, AC004638, AL049844, AC005632, AC002492, Z97630, AC003684, AC005015, AF111168, AP000696, AL049569, Z69917, AC006241, AC005694, AC002476, AC005630, AL135744, AL031230, AP000299, Z93017, AL031686, AL049570, AC004017, AL033521, AL049835, Z84467, AC003963, AF038458, AC005014, Y18000, AC005089, AC003991, AL009181, AC006597, AC004851, AL109952, AC005972, Z99495, AL031274, AC006346, AC008040, AC006061, AC004634, AL122023, AC002483, AC008044, AC003024, AC005529, AL117354, AL096818, AC007199, AL022322, Z85987, Z85996, AP000493, AC004878, AL121593, AC004098, AP000033, AC005527, AL022345, Z97353, AL030995, U17576, AL049843, AC009178, Z86090, AL031255, AP000116, AC004224, AC003098, AC002040, AF088219, AL035405, D87675, AC006537, AC005291,
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		U91323, AC005071, AC004002, AL035422, AC006449, AC002375, AC005826, AC006468, AC007536, AL031589, AC004470, AF205588, AC005406, AL049872, AC005031, AC005768, AP000555, AC004841, AL096678, AC004987, Z98200, AC006084, AL078581, AL078584, AC005488, AL034420, AC000085, AC005081, AL035400, AL133355, AL008726, AC016831, AL135960, AJ131016, AL096701, AC005932, AC003663, AC006211, AC004644, AC003010, AL035551, AC000134, AC004675, AC004622, AL049766, AC007057, L788333, AC006387, AP000558, AP000102, AC006312, Z822201, AL096761, AF039907, AC003030, AL050318, AL117352, AC006379, AC005618, AC004815, AC004832, AC011592, AP000509, Z84487, AL049779, AL031293, AP000113, AP000045, AL031584, AC007204, AL034371, AC005366, Z83826, AC004460, U80017, AC007746, AC006019, AP000501, AL0223336, AL049776, AC006285, AL109827, AL023494, AC004796, AC005736, AL080242, AP000566, AC002449, M89651, AC006962, AC005730, AL1333371, AC006112, AC004125, AC003109, AL133448, AC002045, AC005480, AC004820, AC004655, AP000142, AL035587, AC004150, AC005900, AC007363, AL050341, AC007243, AL049636, Z94801, AL031286, AC005620, AC002347, T55205, R22930, R25360, R33340, R33341, N79795, N83477, AA453058, AA620384	AL079713, AA019285, AW387766, AI393405, AA057866, AI150748, AW002060, AI285751, AI804383, AW362527, AW086498, W32465, AA019093, AA121087, AA192422, AA157309, Z44482, AA015928, AA353392, W19828, W96345, AA886352, AA015927, T77280, AA056991, AA059204, AA897284, AA059262, R68727, AA192527, N72977, N54833, T34590, H37766, H37839, AI902921, R32417, R34123,
371	HPJEC66	850264 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2993 of SEQ ID NO:371, b is an integer of 15 to 3007, where both a and b	

			correspond to the positions of nucleotide residues shown in SEQ ID NO:371, and where b is greater than or equal to a + 14.	R20036, AI684917, AA188354, Z42069, F05884, AI803047, W96344, AW135643, R32418, AI963424, H04412, Z38793, F01603, H01922, F03563, AI475203, AA356593, H38120, D19797, AI538533, H04434, AI267294, AW392791, AA568778, AF052088, Y17979, Y17977, Y17978, Y17976, E15725, D89289, AB025198, D86723, E14720, AL109847, AF038280, AF038281
372	HCQCD86	850273	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:372, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:372, and where b is greater than or equal to a + 14.	R54166, Z43366, R42185, T30280, AW083132, AL031003
373	HCRMX05	850371	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 698 of SEQ ID NO:373, b is an integer of 15 to 712, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:373, and where b is greater than or equal to a + 14.	AI887746, AI473102, AB011166
374	HAPRB43	850859	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AI654147, AI810992, AI589186, AA910037, AA570707, AI765595, AW188411, AI806437, AI760065, AI890968, AA227446, AW237851, AI337043, AA922182, AA227501, AI050958,

			the general formula of a-b, where a is any integer between 1 to 1793 of SEQ ID NO:374, b is an integer of 15 to 1807, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:374, and where b is greater than or equal to a + 14.	AI283160, AA227513, AA226738, AI470530, AA226812, AA916642, T89323, AW152530, T89959, AA227372, N59841, T94622, T94623, N76372, AF124522, AC004456
375	HWHQL22	851066	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF A-B, WHERE A IS ANY INTEGER BETWEEN 1 TO 1801 OF SEQ ID NO:375, B IS AN INTEGER OF 15 TO 1815, WHERE BOTH A AND B CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:375, AND WHERE B IS GREATER THAN OR EQUAL TO A + 14.	AW001408, AW025576, AI167306, AA421304, AW183595, N53420, AI884557, AI961482, AI366803, AI277353, AA905774, AI471722, AI208800, AI285232, AA917870, AI923048, AI002657, AW444453, AW072850, AI002663, AA995040, AI420232, T91710, Z44009, AA743874, AA768502, Z40060, AA421383, T91698, AI536628, AW197122, AA465719, F07259, T92932, AI222859, AW385033, T92460, T93049, AA780031, T92477, T89796, AI680633, T89430, AI078087, AI572783, F03531, AA465126, AA361777, R57124, AI417757, AI805839, AA808475, AA324494, AB033082, AF132479
376	HWLMN9	851217	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF A-B, WHERE A IS ANY INTEGER BETWEEN 1 TO 536 OF SEQ ID NO:376, B IS AN INTEGER OF 15 TO 550, WHERE BOTH A AND B CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:376, AND WHERE B IS GREATER THAN OR EQUAL TO A + 14.	AL035496
377	HTGFW53	852170	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY	AI742968, AA102335, AI858272, AA587215, AA523335, AA573431, AI718039, AW294925, AI298302, AI290208, AA135360, AI719848, AA157727, AA122310, AA102312, AA101293, T08661,

	<p>the general formula of a-b, where a is any integer between 1 to 3188 of SEQ ID NO:377, b is an integer of 15 to 3202, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:377, and where b is greater than or equal to a + 14.</p> <p>AA971633, N36169, H02342, AL048969, AA121086,      AI279131, AA305313, AI420820, AL042905,      AA524604, AA216644, AL042906, AL044340,      AF034176, AA708751, W40578, AL048626, AI816537,      AA081138, AA487475, W40576, AA122340, AI732911,      AL120008, AI679002, AI791227, AL138265,      AW406162, AI732327, AA177130, AL042539,      AI744188, AI567674, AA126635, AA504951,      AA224525, AA133332, AW401509, AA565585, N44159,      AI815583, AI961232, C06151, AA831913, AL044339,      AI204309, N23097, AA984258, AA601503, AL042282,      AI310464, AW151102, AA492584, AA614180,      AA908857, AW408643, AA640277, AL134669,      AL079869, AI801141, AA525409, AA568314,      AL046746, AI732128, AP000501, Z83843, AC004686,      AP000694, ACC05516, AL050307, AC002375,      AC004491, AC005280, AC003029, 286090, U91323,      AL050318, AL0222313, AC003688, AC004383,      AF207550, AC005921, AC004813, AL022323,      AC004638, AF196779, AL049869, AP000689,      AC009247, AC005231, AC002544, AC002470, Z97054,      U95739, Z95114, AC002347, AC007283, AC007227,      AC008115, U63721, AC005225, AC007731, AC007242,      AL034420, AC002477, AP000356, AC004685,      AC005619, AC006449, AC007225, AC006965,      AC005015, AC005519, AL133163, AL022336,      AC005500, AC006344, AL031846, AC004755,      AC002425, AP000008, AL139054, AC004796,      AC005913, AL049830, AC004975, AC005696,      AC004983, AC004851, AC007686, AC004448,      AC005632, AL031255, D87675, AL080243, AL034417,      AC002996, AP000704, AC005488, AC005004,      AC005081, AC004887, AL133245, AL049760,      AC005899, AC004223, AC004242, AC005480,      AL049776, AC003982, AL096791, AL121754,      AL049780, U91318, AC009509, AC005399, AP000115,</p>
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		AC005355, AF165926, AD000092, AC005730, AC005057, AC006241, AC005484, AC004024, AL049636, AC004821, AJ003147, AC003098, Z85986, AL035422, AC005722, AC007226, Z99716, Z85987, Z84466, AF129756, Z83826, AC005839, AC004754, AC005527, AF029308, Z83840, AJ246003, AL022163, AL121603, AC004099, AP000355, AL035086, AC000052, AC005694, AC006509, AC005058, AC002094, AC006251, Z95331, AC005412, AC005274, AL008582, AL035249, Z69705, AC007637, AL121653, AC005520, AL022165, AC004253, AP000555, AC006120, AP000359, AC003043, AC003963, AC004890, AF060568, U91326, AC006064, Z83844, AL031311, AL022316, AC004263, AC004883, AC005821, AC005874, AC005736, AF134471, AC007308, AC002563, AC007537, AC006014, AC005332, AC006211, Z98044, AC005264, AC004216, AC004230, AL020997, AC006511, AL022476, AC004895, AF095901, AP000212, AC007263, AC006121, U85195, AL022311, AC007899, AC005971, AL096701, AC006441, Z69920, AF038458, AC005844, AL079342, AC005037, AC005229, AC007160, AC005531, AL035587, Z82190, AC007541, AC006480, AL024498, AC006080, AC004662, AC004797, AL031767, AC004477, AC007688, U96629, AC004167, AL031291, AL031005, AL109963, AC002314, AC005291, AC007298, AC004884, AL049874, AC005578, AF196970, AC005726, AF024533, AL021154, AL021878, AC005102, AF053356, AC005529, AC005183, AC005060, AL109628, AP000031, AP000512, AC004408, AC002316, AL031848, U62293, AC005841, AC004760, Z69917, AP00215, AL031670, AF141325, AP000692, AL049538, AC006160, Y14768, AL049694, Z93244, AL021391, AC002465, AC004771, AC005378, AL031289, AC005189, AL133312, T63377, T94977,
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			AA137237, T10598
378	HANGG89	852387	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 2387 of SEQ ID NO:378, <math>b</math> is an integer of 15 to 2401, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:378, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>
379	HKAAV86	852812	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 838 of SEQ ID NO:379, <math>b</math> is an integer of 15 to 852, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:379, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>

		<p>AA666041, AW338582, AA853499, AA853118,      AW103316, AA852928, AW198176, AA485339, F02472,      AA669375, AA853703, AI926802, AA599411,      AW317014, AI475263, AA669968, AA852873,      AI279645, AW152591, AI570071, AA853907,      AI061306, AA304491, AA367577, AI624508,      AW262800, AL047981, T17426, AI566448, AA670465,      AI249329, AW078819, AI914427, AI151197,      AA464848, AI247113, AW007968, AI432083, T40661,      AI032132, AI624041, AI453768, AW028422,      AW173650, AA770695, AI865924, AW075592,      AW103304, AW129068, AW193455, AA728855, T29408,      AA491991, AI445641, AI520770, AI609649,      AI633323, AI246991, AI696877, AW131257,      AI499176, AA693449, AI866877, AA376304,      AI986291, AW338530, AI435209, AI435228,      AW022946, AW242276, AW129074, AA587644,      AI368933, AW003438, AI814772, AI891018,      AA626904, AA904717, AI446504, AA368253,      AA484039, AA946739, AA296453, AW020421,      AA598880, R32764, AW074499, AI537174, AA715468,      AI754222, AW068269, AA599396, AA599815,      AI753152, AA564348, AI240449, AI583592,      AW020521, AW020314, AW020233, AW023601,      AA653329, AA782691, AA557448, AA598933, Y13286,      D13988, Y13298, AC006024, U07951, L36314,      AF027361, X74401, AF076291, AF144713, Y13291,      Y13287, Y13290, Y13288, Y13289, S80206, X02761,      A14133</p> <p>AA758003, AI393511, AI745227, AI400593,      AI361058, AI421934, AW055024, AA639992,      AA678281, N64804, AI419316, AI022207, AA535085,      N64760, AI360871, N34840, AI668844, AA677093,      AI350949, N76168, AI094853, AA428072, N51463,      AA115795, AA398677, AI204113, AI083523,      AA625661, AI264028, H50861, AA056256, AA715624,</p>
380	HSACF33	853175

	<p>15 to 2014, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:380, and where b is greater than or equal to a + 14.</p> <p>AI287600, AA393323, N76354, AA478577, AI131253, AW020489, AI879936, AA427956, R19770, AI14744, AI685853, H10460, AW009344, AI086648, AI274853, AI580474, AA830100, AW237044, R81911, AI572140, N23738, AW305082, AA627509, AA056315, H79313, H13001, AI872614, AI453789, AA570617, R70354, AA115794, R43355, H63824, AA370525, H79426, AA478712, AA492446, H72676, H28024, R78390, N43915, R78391, AA450037, W38531, AI086047, T28681, R23199, AA319158, N90080, AA903186, AA768142, AA374991, AW069635, R23200, AA342675, AA297604, R28598, Z38820, AW392736, R28390, AA371629, AI474240, N79382, AA622157, N54391, AJ230782, N46635, AI471187, R39618, AI659542, N32443, AA357539, R39562, H10459, AI990226, AL041375, N34906, R17637, AA584241, AW439703, H71678, AA846923, AA582554, AI915081, R99470, C01602, AW265688, AI521525, AW020150, AI537368, N75652, AI356440, AA639155, AA584489, AI053827, AA282951, AA679625, H30475, AI926102, AI984168, D26067, AC004883, AC005527, AC005529, AC004821, AL035458, AF196779, AL022316, AC000025, Z98051, AP000514, AC007298, AJ003147, AC005736, AC006501, AC004796, U95090, AC005046, AL121603, AC003029, AL035587, AC005104, AP000697, AL024507, AC005899, AC005216, AC005225, AF134726, AL008583, AC007551, AC005994, AC004805, AB023048, AC004139, AC005488, AC004974, AL049872, AC007376, AC005234, AC003085, AC004703, AL078581, AC005327, AC006597, Z98742, AP000030, AC005207, AL022320, AC004383, AP000503, U95742, AC006441, AC005291, AC000353, Z98884, AC007050, AC003043, AC004033, Z84469, AC004686, AC004750, AC004477, AL117694, AC004687, AC007051, AL109627, L78810, AL022319, AC002316, AL021546, AC006449, AF045555,</p>
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		AC006211, AC005911, AC005295, AC006277, AP000133, AP000211, AC005480, AC004966, AL023803, AL008635, Z98036, L47234, AC007193, AC005971, AL096701, AC009247, AC005695, AC005288, AC016830, AL035659, AC007637, AL117258, AL034421, AC002302, AL008631, AC005081, AP000130, AP000208, AL032821, AC007207, AC006111, AC007563, Z82206, Z49258, AP000247, L44140, AL049757, AC005702, AL031659, U91323, AL109984, AC007216, AC007386, AC002288, AL035405, AC005519, AL096791, AC008044, AL031728, X87344, AF038458, AC002551, AP00088, AF024533, AC007546, Z86090, AC007262, AC004227, AL135744, Z99716, AC002375, AL133243, AC007057, AP000104, AC005015, AC007387, AL022302, AF111168, AL049748, Z98304, AC004887, AL031589, AP000140, AC005914, AC003684, AL035420, AL022722, AC020663, AC016025, Z99128, AL031729, AC005764, AC005778, AL080241, AC007860, AC005822, AP001051, AC005088, AC005740, AL080317, AL133448, AC006014, AC000159, AC006120, AL022165, AC007239, AP000501, AC005696, AL122020, AC006285, AL031427, AC007919, AC002310, AC003101, AC008394, AC006261, AC006071, AC006948, AF196972, AL109939, AC005921, AC007011, AC002128, AC007671, AC004605, AC002492, AL021155, AC006042, U29953, AC007021, AL031662, AL136295, AL109952, AL035407, AC007406, AL031228, AL133485, AL031229, AP000355, AL137705, AC005913, AC007030, AL049538, Z98745, AC006382, AC004699, AC006539, AC006023, AL034549, AL034379, AC007676, AF001550, AF095901, Z97053, AC004765, AC009510, AL117356, AF091512, U85195, AC006088, AC004964, AC007731, AC005815, AL034420, AC004878, AP000031, AC005786,
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381	H2CBA56	853230	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:381, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:381, and where b is greater than or equal to a + 14.	AC006530, R81807, N53603, AA025818, AA503110 AA912711, AA313241, N59364, R71689, AA889755, AA907229, H44652, AW029538, AI1693197, H43610, R54016, AI765349, C05901, R67625, T11836, AI432347, H28446, AI362187, W86722, AA514697, AA630422, AI417570, AI076503, AA725556, AA535222, AI268124, AI394393, AI765623, AI359512, AI421474, AI081785, AA573523, AW021552, AI954036, W86721, AW301490, AI311428, AW302896, AI366979, AI252741, AI251402, AI252170, AI308570, AW271149, AI254900, AI306074, AI1252019, AI254903, AI334468, AI2889701, AI744777, AW302995, AW301914, AI249305, AI345655, AI053639, AI144065, AI251387, AW302005, AI057136, AB002336
382	H1JBL63	854063	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 117 of SEQ ID NO:382, b is an integer of 15 to 131, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:382, and where b is greater than or equal to a + 14.	AI874228, AL048427, AI538564, AI627988, AI648567, AI567935, AI280670, AI539781, AI433976, AI1274759, AW262042, AI872074, AI433157, AI554821, AW151136, AI608805, AI539771, AI537677, AI1494201, AI500659, AI1539800, AL045626, AI866465, AI815232, AI801325, AI500523, AI538850, AI582932, AI284517, AI923989, AI872423, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AW172723, AI284509, AI889168, AI440263, AI866573, AI633493, AI434256, AI866469, AI805769, AI434242, AI671642, AI88661, AI284513, AI888118, AI436429, AI859991, AI889147, AI355779, AI1371228, AI581033, AI440252, AI866786, AI610557, AI860003, AI242736, AI887499, AI559957, AI521571, AL039390, AI829990, AI119457, AI042544, AL079960, AI538885, AI598061, AI745485, AL047422, AI539707, AL045500, AI6220284, AI890907, AI828714, AI687375, AI371251, AI866510, AI923046,

	AI500714, AI799199, AI491710, AI366900, AI828574, AI472566, AI863197, AI680457, AI640729, AW149878, AI251830, AI634251, AI273179, AI887775, AI590043, AI282268, AW197139, AI631057, AI079794, AI042551, AI866741, AW002174, AI564602, AI275175, AW089557, AI432666, AI499463, AI969567, AI863082, AI610362, AI537735, AI440239, AI521596, AI049851, AI042382, AI690946, AI355008, AI867042, AW104196, AI285826, AI863014, AI521594, AI499512, AI623736, AI889133, AI042787, AI042572, AI783861, AI863477, AI048375, AI610402, AI364788, AI434223, AW089572, AA603709, AI697243, AI610429, AI628850, AI469775, AI866820, AI433968, AI890806, AI476086, AI537187, AI539632, AI889148, AW118237, AI042377, AI539847, AI828583, AL042538, AI872300, AW172745, AI434741, AI042557, AI538878, AI354998, AI434274, AI567944, AI453248, AI805762, AI641818, AI432656, AI636719, AL040207, AI042365, AI285432, AI047187, AW083804, AI119319, AI119399, AI343059, AA715307, AA809974, AI046990, AI800152, AI349933, AI866608, AW129271, AI345253, AI799195, AW151979, AI612885, AA420758, AI566630, AI863191, AI610667, AI885949, AI270561, AI872051, AW059713, AI048323, AW152469, AA494167, AW192375, AI886022, AI612015, AI043168, AW084812, AI689420, AA830821, AI349598, AW168402, AW269097, AL046356, AI048377, AL041862, AA807088,
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	AI680389, AI334930, AI569328, AI432644, AI636619, AA468418, AI537515, AI536910, AA761557, AI866457, AI343091, AI920782, AI309443, AI824375, AW131989, AI433037, AI866002, AI073952, AW080700, AW193134, U49434, Y11587, AC005057, A18777, AL122049, AP000514, I48978, A08916, AL080060, I89947, A08913, I89931, A08912, A08910, I49625, A08909, AR038854, A08908, E15569, AF113691, U77594, Y08769, AL133072, AF104032, AL122110, E04233, AL133080, AL133081, AL133077, AF081195, I89934, I89944, E07361, AR011880, AL137556, AF111112, A21103, AL133067, AF113689, E02253, U96683, AL117432, AP162270, A93016, AF003737, AF113690, X87582, E05822, AF132676, AL049382, AF061836, AL137538, M86826, X84990, AL117578, AL050149, AF113676, A45787, AL137705, AF030513, AL050138, AL137665, AL110280, A18788, AR038969, AL137526, AL133640, X80340, AL117583, AL117585, AF125949, AL133113, AL122123, X72889, U00763, I48979, I09360, AR000496, U39656, AF017152, AF158248, AL122121, AL080124, AL050277, AF012536, AF110329, AL080154, AR059958, U68233, I92592, AL080127, AL110222, AL137476, Y10655, AF119337, AF113019, AF100931, AF111851, AL122111, L30117, AL133557, AB007812, AF026124, AF000301, AL133016, AL117440, AF146568, AL137273, AL080137, AF113013, AL133565, E02221, AL137300, I68732, AL049464, AB019565, AF078844, AL133104, AL137429, AL137557, AL133093, AL049466, AR019470, X62580, AL049452, Z72491, A90832, I42402, AL133665, E07108, AL137712, I66342, S68736, S78214, AL137527, AL137294, AF000145, I00734, AL137479, A08911, AF026816, AL137463, S75997, AR020905, AF113694, AF091084, AF017437, AL137283, AF126247, AF113677, I96214, AR034830,
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		<p>AL049300, AF118094, S36676, AF09043, AF097996,      AL133558, Y11254, AL137478, AF051325, X70685,      AL049314, M30514, AL137648, AL137459, AL133098,      AF079763, AJ242859, AJ238278, AL117460, A07647,      AL117457, AL050116, AL023657, AF125948, L31396,      AL096744, E00617, E00717, E00778, U68387,      AL050146, AL110225, AL117394, AL1137488, A52563,      AL122093, A12297, U42766, AL133606, L31397,      X63574, AJ006417, AF061573, U91329, AF057300,      AF057299, X96540, X98834, AF061943, A58524,      A58523, AL080074, A08907, L26207, AL122021,      AL049465, A08915, S79832, AF022363, AL080086,      AF067790, E03348, I80064, E06743, Y10080,      AL133014, AL122118, S76508, AF081197, AF090934,      AF028823, L19437, X79812, A65341, U67958,      AL080159, AF118090, AF210052, Z82022, AF183393,      X52128, AL117649, X92070, AL110221, AL133075,      AF0611795, Y14314, AF151685, AF061981, U80742,      U78525, AL080148, AL050092, X93495, AR068751,      AL050366, X53587</p> <p>AI147367, N38739, AI038362, AA306982, AI090692,      AA430286, AI375057, AA832521, AW087382,      AA481263, AA682491, AI816161, AI032742,      AI271556, AI142375, AA772447, AI277932,      AA861172, AW275861, W95514, AI310221, N21226,      AI554585, AA622794, AI685388, AI094587,      AI870769, AA161317, AA161269, AI828141,      AI889952, AI138674, AI992250, AI093557,      AA854451, W95748, AA528173, AA706459, AA922049,      W92931, AI222782, AI087903, AI354769, AA010744,      AI338847, AI573260, AA535258, AA829973,      AI425087, AI127537, AI078189, AI860629,      AA040606, N36785, AI312075, AI860618, N35545,      AI818680, AI160456, AI188731, AW237244,      AA927773, AA315522, N26495, AA418250, AI130937,      AW026110, AI078700, W92930, AI189277, AI819131,</p>
383	HHFOV83	854073

	AI308823, AA576681, AA402366, AA678068, AI050690, AI150775, W07311, AA130641, AI356188, AI992238, AA632439, AA398578, AI138868, N41577, AI348234, AA725329, AA854444, AI494104, AI102041, AI248913, AA861548, AI146539, N36042, AA749246, AI623577, AA102040, AI309551, AI193635, D80222, AI750505, W16594, AI335196, AA973577, AI802773, AA579587, N40411, AI347895, AI207319, N24916, AA757075, AW022051, AA004814, W70099, AI494122, AA047417, AA435877, AA932173, AI360040, N92468, W32858, W39316, AA443371, AA725083, AI811596, AA151345, AA574227, AA988481, AA553643, AA058890, T86893, W04849, W07341, AA171485, AA350353, N79793, AA397537, AI361500, AA767393, AA491049, AA039548, AA171873, AA443799, AA130743, AA296477, AA418371, AI039877, AI034158, AA350355, AI346724, W30975, AA081842, W32412, AA826413, AA485065, AA683191, AI750506, AA214656, AI032235, T31993, AI690512, AA490864, AA972903, AA875952, AI266157, N30803, AA441965, AI372476, R44640, AA011170, AA412078, C14244, AI537215, D51710, AA112658, D81672, T33576, T29959, AA879091, R00040, AW372109, AA372522, N41552, AA350354, W05591, AA296293, AI183719, AA737423, T75529, Z32779, AW023311, H92492, AA011172, AI280683, AA350672, AA293688, T30062, AA359611, H90590, H88467, R89111, H01877, T30578, AA554214, AI372475, AI085819, R23508, AA485161, H58617, T31455, T30057, T30775, AA995219, W01659, AI355187, H88466, AA021457, W02831, W30907, AI066442, H92493, DB0216, AA772519, H87644, AA772663, T31230, T31445, AA084441, AA746824, H58618, AA664067, AA223631, T35618, T30506, N48376, D55832, T19529, AI816199, W21185, AI498748, H71696, T35993, D55847,
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		<p>AA085298, AI826367, T31976, AA357765, AA047416,      AA045501, H72258, AF068754, M84133, S38729,      AL080074, AF210052, D44497, I41145, U72621,      U61971, U61970, X68249, I48978, AL137561,      AF104032, S70057, Z48796, AU001838, AL137284,      E13998, U94316, X79812, X53587, AL133608,      AF026124, AF161406, X83544, M64936, AF043642,      AF072933, X61049, E00984, I04527, AL137476,      I48979, AF106697, AF113676, AF008439, A76337,      AL117626, AF114818, AF117959, AL137556, X60786,      AF054988, Z72491, AL096750, AF081825, AF081197,      AF081195, AF029728, AC004213, AL031281,      AL137463, AR022283, X98066, AL050170, U70981,      AB026995, U89906, AF030165, E12806, AL133053,      AF047716, S69510, AF044323, AF040723, U75378,      E15568, A57389, AC006115, X52128, AL137538,      AF158248, AL137658, AF137367, AF169202,      AF107018, AL096709, S75997, AF017437, AL049959,      AF058921, AF004162, AL110269, AF113013,      AL049423, AF060866, J05043, A58545, AF132979,      X66113, T86892, T88768, R07813, R02519, H01878,      H87645, N27504, N45945, N75568, N78599, W19455,      W23893, W33125, W87569, AA021456, AA039549,      AA055507, AA055508, AA063216, AA062641,      AA081863, AA112657, AA149245, AA177032,      AA483430, F16679, AA614547, AA714169, AA746127,      AA746987, AA863434, N83598, N84074, C14243,      AA090322, C15720, AA094953, AA095885, AA648733,      AA725460, AA813664, AA974615, Z24858, Z28604,      D20869</p> <p>AI076832, AW055243, W67979, W68082, AA834993,      AI857546, AA543028, AI131337, AI095504,      AI200501, AI096393, AA629289, AW028678,      AI050854, AI199116, AI199573, AA878778,      AI024423, AW248926, AI298878, AI040156,      AA040394, AI189654, AI537467, AI298968, W76354,</p>
384	HMTAE04	854987 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1332 of

			SEQ ID NO:384, b is an integer of 15 to 1346, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:384, and where b is greater than or equal to a + 14.	R93490, AA749457, AW006223, W72385, R93491, T16004, AA861892, AA877821, AA699840, AA744576, AA033598, AI805225, AI830800, R98502, AA918052, AA033597, AA010392, AA612820, AA136046, AI468659, R98458, AA804806, AI079099, W00678, AA223489, AA010420, T16983, AA602907, AI695165, AI655482, AA971722, AA126657, N74666, AA203670, AA775379, AA040498, N69011, AA580962, AA743583, AI819009, W05037, AI679325, AW008460, AI222609, AA223599, AW249342, AI985521, N86961, U79569, U96448, AF033201	AI741418, AI250888, AI803956, AA405712, AI81932, AI275390, AI333992, AI857462, AI192862, AA258274, AI570928, AI342563, AI333503, AA142965, AI1313372, AW195427, AA460652, AA480906, AI810213, AI278469, W86426, AA948327, AA885690, AI338420, AA234713, H91249, AI093456, AI214591, AL037358, AA635563, T78782, AA464811, AA236395, AI1719169, T78399, H90341, T90933, AA150631, H90335, AW023940, AA431898, AI741922, T85819, AA234781, AA193260, AA903699, AA405960, AA348205, N74122, AI887868, AW362460, AI630327, AW236120, AW379776, AL049540	AA286732, AI191459, AA171434, AI355745, AA357190, AA285245, H10514, AA352837, AA338860, T97814, AF106941, Z11501, L14641, M91590
385	HWLNN76	8551130	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:385, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:385, and where b is greater than or equal to a + 14.			
386	HDQFE56	8562227	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 848 of SEQ ID NO:386, b is an integer of 15 to 862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:386, and where b is greater than or equal to a + 14.			
387	HLDBR21	856243	Preferably excluded from the	T70976, AI114496, R96283, AI478489, AA721678		

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 571 of SEQ ID NO:387, $b$ is an integer of 15 to 585, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:387, and where $b$ is greater than or equal to $a + 14$ .	AW249337, AA429219, H09067
388	HHAUD91	856354	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 577 of SEQ ID NO:388, $b$ is an integer of 15 to 591, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:388, and where $b$ is greater than or equal to $a + 14$ .	AA436974, AW301595, AI627769, AI148986, AW295167, AI095891, AI338889, AA228704, AW300645, AA938998, AW290959, AI584103, W51788, AA631562, T30453, AA593364, AA593259, D20778, AW148377, T19553, AI371361, AA228703, T19552, AW156939, AI696364, AF132951
389	HTOHA37	856923	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1082 of SEQ ID NO:389, $b$ is an integer of 15 to 1096, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:389, and where $b$ is greater than or equal to $a + 14$ .	AA436974, AW301595, AI627769, AI148986, AW295167, AI095891, AI338889, AA228704, AW300645, AA938998, AW290959, AI584103, W51788, AA631562, T30453, AA593364, AA593259, D20778, AW148377, T19553, AI371361, AA228703, T19552, AW156939, AI696364, AF132951
390	HDPPP71	857684	Preferably excluded from the	AI383479, AA314780, AA488893, H84254, T05979,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:390, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:390, and where b is greater than or equal to a + 14.	H84268, H86360, Z22452
391	HBBBES2	857946	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1437 of SEQ ID NO:391, b is an integer of 15 to 1451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:391, and where b is greater than or equal to a + 14.	<p>AI174931, AA633248, AA307732, AW009694,            AI708561, AI608859, AI912027, AW003654,            AI147532, AW410500, AA703917, AI268422,            AA315977, AA948335, AA714371, AI523863,            AI799651, AI094601, AI653623, AI418474, N28523,            N25832, AI678862, AA436086, AI969854, N5060,            W15539, AW276307, AA176977, AA315741, AI573156,            H99189, AI290689, AI022256, W31633, AA393190,            N24472, AA665198, N25334, AI342932, AI350373,            W46663, AA664456, W69947, N31447, AA315704,            AI217012, AI299963, AW169034, AI269693,            AA224139, W52454, AI350065, AW328643, AI149242,            AI469902, AI146550, AW328744, AI280165,            AI343905, AA115633, AW191988, AI274391,            AA306451, AW273525, N50546, M78775, AA629016,            W46572, R66807, W69946, AI276408, AA211672,            AA528272, T35600, AI937658, R71434, T75448,            AL037057, AA602926, H16018, H99844, AW194891,            AA224140, AA843376, AL037133, AA879102, T77217,            R32430, AI763096, T79893, H11074, AA313381,            AA305608, AA740662, Z28524, AA384331, AA741428,            AA729918, T36096, T32819, H43950, N50439,            T74479, T77430, T36026, T85287, F13092, N50495,            H11162, AL133741, R67905, AW640263, N74697,            AA313248, Z45665, AA577403, W05751, AA308179,</p>

	T36097, Z28522, H99295, W05085, AA133390, AA435987, AA215662, AA948686, R27532, T32717, F10686, AA348310, R27490, T36025, AA650125, F18615, Z41336, AA782250, T74105, AA531601, D52493, AA628374, AI540601, C02982, T34250, AI222685, W52455, AA938476, T30776, T85497, AA834484, AA313624, AW368698, W37632, W37631, C01072, AA064863, AA369828, AA356358, AA301621, AA065121, C18586, AA650346, H43904, AA213943, N23667, AI304608, AA369829, AA676748, AA095424, R32429, AA215728, N75008, N47208, R37606, N84337, AA093943, N75908, AI025459, AA910321, W23851, AW089275, AW303089, AI364639, AI815855, AI358701, AW268067, AI858137, AI254727, AW162194, AI159837, AI432040, AW087842, AI539153, AW020419, AA287231, AI494201, AL119791, AI633125, AW073697, AA464027, AL041772, AI886192, AI348901, AI419650, AA493923, AI580190, AA464646, AI345688, AI824648, AI567802, AA761557, AW089405, AW074869, AL110306, AI888621, AI698391, AI929108, AW168031, AI917963, AI567582, R36271, AL037454, AL039086, AI445992, AI568138, AI445990, AW020095, AI921281, AL120254, AI889189, AI345745, AW151948, AI802654, AI312428, AI863191, AI250819, AL036403, AA908294, AI874166, AI364788, AW188840, AI434741, AI572717, AI918655, AI689420, AI433157, AI251830, AI288285, AL110233, AF145385, AF077034, AC004067, AC006023, AL023913, AL049830, AL122104, I48978, X63574, X65873, Z72491, I89947, AL133640, AF017152, AL050116, A12297, E12747, AF100931, AL117649, A07647, AL137529, U35846, A18777, A08916, A08910, AR038854, AC08909, A65341, A08913, AF113690, AF118064, Z37987, I48979, I89931,
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	AL080154, AL137527, I49625, AR038969, A08908, I09499, AL050277, AF067790, AR013797, E04233, I33392, AR029490, AF118090, U91329, AL110196, Z82022, AL137550, AB007812, A08912, AL133565, X83508, AL137526, AL133077, AC002467, AL133080, AF079763, AL117440, I68732, AL080086, AL080137, AF008439, AF0288823, AL133016, AL050092, AF162270, AJ000937, A77033, A77035, AL117578, A45787, AF146568, AL117432, E01614, E13364, AL137479, M92439, AF078844, AR020905, AF113694, AF067728, Y11587, X62580, AL049452, M30514, AL117583, AL133557, I66342, E15569, AL050155, AL122093, AL050393, AL110222, AL137521, AF017437, AL049466, AF065135, AF113699, AL133081, AF125948, S79832, AF022363, Y10655, E03348, AF113689, I80064, AL049283, I03321, AL137459, AR059958, U42766, AL133560, S61953, AL122110, AF113019, X82434, L19437, U49434, AL133093, AL137478, AL080159, L30117, AL080234, AL122098, AF026124, AL080127, AF061795, AF090903, Y14314, AF151685, AF061981, S68736, AL117435, X93495, AF104032, AF061943, X72889, AR011880, AB019565, A21103, AL133104, AL137283, AR000496, U39656, A90832, AL096744, AF177401, AL122118, U78525, AL080148, AL137548, AJ006417, AL122121, AL137476, A08911, I89934, I89944, X00861, AF113677, U67958, AL137560, E06743, AL137271, Y10080, E07108, AL049465, AL122045, AF185576, AF090896, AL117394, AL137705, A08907, AL049300, AF118070, AL133645, E02349, AJ238278, X92070, AF125949, U68387, S78214, AL133606, AL110171, AF090934, AF126247, Y16645, AF090943, I09360, AF097996, X87582, E05822, AL050024, Y11254, AR019470, X80340, AL137538, X84990, AL133075, Y09972, AL117457, AF106657, AL133113, U72620, A18788, AL080124,
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			AL080074, AL122049, I26207, AL122050, X70685, U58996, AL133098, M86826, AF017790, AL080158, AL050149, AL133014, AL137273, A03736, X96540, AL137300, X98834, AL137463, X81464, AF111112, I41145, AL080060, AL137429, AL137556, S36676, AF132676, AF061836, AL122111, AF210052, X52128, U96683, U87620, AF13676, AF158248, A08915, AL133568, U80742, AF030513
392	HLTDR01	858166	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1411 of SEQ ID NO:392, b is an integer of 15 to 1425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:392, and where b is greater than or equal to a + 14.
393	HMECD50	858178	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4741 of SEQ ID NO:393, b is an integer of 15 to 4755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:393, and where b is greater than or equal to a + 14.

		AI651435, AW016871, AI571393, AA476546, AI304722, AA889289, AI333701, AA044294, AA243428, W40468, T16097, AA970544, AW273026, AI806170, W24250, AA111852, AI362559, W60148, W74747, AA035786, AA725619, AI243167, AI522223, AI80805, AA434369, W81312, AI253071, AA808307, AI683788, R37482, AI650388, AI004291, AI344142, AA101154, AI935966, AI669651, AI186913, AI948923, AI860153, AI298579, AA996292, AI702113, AA531191, AA078922, Z43542, H08503, T64586, AI866869, D58796, W94092, W51938, AA349176, AA483674, AW192524, AA085939, AI309315, N93966, AA196255, W96065, AI202403, AA085511, R62988, AA640172, T50714, AI961628, AA376655, AI435333, W74564, AA814014, AA894595, AA768212, R76156, Z39612, AW151282, AA452689, AA977443, N35597, T49840, H96905, AI698533, AA767590, AI568701, T31524, AA978243, AA370930, AA375488, AI520828, AW103242, T76968, AI880190, R84695, AI525356, AI124977, Z25324, AA658431, H08779, AA262315, AA916166, AA341762, AW015466, R22469, AA829960, AA719815, AA196153, Z45549, AA319607, R78025, R63044, T77132, T85963, R56667, T71935, AW193938, AW104224, F04406, H87982, R26846, AA357282, R79650, T35601, N88359, AA304242, AA233389, AA360722, AA375734, T71928, AA112488, T87634, AI598215, AI910242, T35305, AA380126, AA809949, T35899, R78206, AA938355, AA044121, AW418632, AA355637, T49839, R77020, AI185564, R22419, R73107, R79843, AW007935, R73106, AA344789, AI870082, AA328125, R56830, AI925827, AA369142, N55924, AA325755, AA845757, N36620, AI581578, AA079040, AA927705, R27075, AA879187, AI382558, AA094562, H88162, AA033955, AA476441, AI024882, AI203133, R14199, AI686151, R77924, AA471369, T508686, AA917320,
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			C21159, W94155, W21472, D25555, AA112421, D80005, AF055017, AA730233, AA096006, AI023497, AI088305
394	HDPJL40	858606	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3025 of SEQ ID NO:394, b is an integer of 15 to 3039, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:394, and where b is greater than or equal to a + 14.
395	HDPGS38	858894	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3262 of SEQ ID NO:395, b is an integer of 15 to 3276, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:395, and where b is greater than or equal to a + 14.
396	HCQAM69	858949	Preferably excluded from the

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1618 of SEQ ID NO:396, b is an integer of 15 to 1632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:396, and where b is greater than or equal to a + 14.</p>	<p>AW073884, AI745128, AI871836, AA976209, AW088315, AW191943, AI431312, AA476876, AA454936, AA708622, AI218146, AI336748, AI189368, AI246200, AI241674, AI969411, AA716347, AA447277, N793355</p>
397	HOSNC15	<p>858958 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 794 of SEQ ID NO:397, b is an integer of 15 to 808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:397, and where b is greater than or equal to a + 14.</p>	<p>AA843533, AI692783, AI769103, AI479234, AI346969, AI332623, AI560964, AA406642, AW071704, AA707195, AI431301, AI218736, AI961161, AI989624, AA765123, AA180333, AI500253, AW08413, AI473781, AI281064, AI149261, AI253097, AI912120, AI692780, AI262308, AI266734, AA227960, AA923774, R60069, AI034302, N67562, AI925794, AI352401, AA862001, AI869528, AI221573, H94353, AI565227, C21540, AA249165, C14331, D80166, D59859, D59619, D80210, D80240, AA305409, C14429, D80219, C14389, D80164, D81030, D80212, D51799, D51423, D80253, D80195, C14014, D58283, D80022, D80188, D80391, D59787, D59502, AA514186, D59467, D59275, D80043, D80227, D51060, D57483, D81026, D59610, D80366, D80196, D80024, D59889, C15076, D59927, AA305578, D80269, D80045, D80038, D80193, D80133, D51022, D80248, D50979, D50995, AA514188, D80251, D80241, AW360811, D80378, D80522, AW177440, AW178893, D80439, AW375405, AW377676, D80268, C05695, T03269, C75259, AW179328, AW366296, AW377671, AW360844, AW360817, AW375406, AW378534, D80302, AW179332, AW377672, AW179023, AW178905, AW378532, D80247, AW177501, AW177511, D59373, AW352171, AW352170,</p>

	AW177731, C14407, AW178907, D80134, AW178906, AW178762, AW179019, AW179024, D80132, D58253, D51250, AW177505, AA809122, AW360841, AW179020, AW178775, D80157, AW178909, AW177456, AW179329, D80949, AW178980, AW177733, AW378528, AW369651, AW178908, AW178754, AW179018, AW352158, D51103, AW352117, AW176467, AI557751, AW352174, D51759, AW179004, C14298, AW179012, AW367967, D59695, AW178914, AW378525, D51079, D81111, F13647, T11417, D80064, D59653, AI910186, D58246, AW177728, Z21582, D80168, AW179009, AW178774, AW178911, AW378543, AW177722, AW352163, AW178983, C14227, T48593, AI905856, C06015, AW178781, D59503, AW352120, D45260, C14077, C14344, AW360834, D58101, D59627, AW177723, AW378540, H67866, AI535686, H67854, D80258, D80228, AW367950, C03092, AI525923, AW378533, N66429, D45273, AW177508, AI535850, D51221, AA285331, AI525917, AW178986, D51097, D51213, AW177497, D59474, T03116, AI525920, D59317, D80014, C14973, AW177734, AA514184, D59551, C14957, D60010, AI535961, A62298, A84916, A62300, AR018138, Y17188, AR008278, AB028859, AJ132110, AF058696, AB2595, X82626, A30438, X67155, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, AR060385, A94995, AB002449, D88547, AR008443, Y17187, AR008277, AR008281, I50126, I50132, I50128, I50133, A26615, AR052274, AR025207, AR066488, AR016514, AR060138, A45456, X68127, U46128, AR016691, AR016690, Y09669, A43192, A43190, AR038669, AR066490, AR066487, U79457, I14842, I18367, AR054175, D50010, A63261, AB012117, AR008408, AR062872, A70867, A85396, D88507, AR066482, A44171, A85477, D13509, I19525, A64136, A68321, A86792, AR060133, I79511, X93549, AF123263,
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398	HHEJQ41	859171	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2414 of SEQ ID NO:398, b is an integer of 15 to 2428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:398, and where b is greater than or equal to a + 14.	AR032065, X72378, AR0008382, D20653 AI085594, AI979021, AI888200, AI888205, AW001578, AA411613, AA235006, AL045223, AW444436, AI453775, AA976885, AI554850, AI744678, AI473648, AA432198, AA411193, AA856575, AI240381, N53228, AA902517, AA633556, AA732554, AA398095, N73775, AI280676, W03922, AA693813, D81541, H57533, AI269162, AI050698, AI093710, AA872982, AA233692, AA257980, D81376, AA985398, H72479, T28972, AI378463, AI278448, D61024, D80871, AA356813, H72158, AI572718, AW021225, AA381648, R71379, AA399573, H15501, AI536017, AI291594, AI690015, AA381354, AI805984, AA768658, T79641, AA579383, R31158, AI872714, T80069, AA381995, N66352, T80891, AA236265, T79727, T70314, AA321074, AA295261, AI619790, AA454520, AW388020, AI582180, D87742, L34688, U35730	AW363446, AI768639, AW393582, AW069238, AA151805, AI302102, AI359022, W72706, AA167429, AI832676, AA534996, AA115174, AI829074, AI870640, AI752265, AI829963, AW022975, AA582822, AA191555, N25968, W63569, AW192674, AI769388, AI418471, AA992113, AW188331, AI816897, AA131045, AW088562, AI685393, AI458130, AI434065, W44478, AA311020, AA126150, AA845374, AA166828, AI422242, AW183765, AW009816, AL120940, AI719342, AA130707, AA167430, AA843760, AA948026, AA644539, AA398996, AA558422, AA661630, AI539659, AA927865, AI742544, AA143536, AI820088, AA305513, AI815029, AW102901, AA725804, N25600, AA864619, AA405085, AA503401, AI129577, N33792, AW385446, AI609769, AI685398, H99319, H09563, AA412702, AI245353, AI632835, AW403447, AI359809, AI214594, N29003, AA151703, AI199980,
399	HTXMR51	859352	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2718 of SEQ ID NO:399, b is an integer of 15 to 2732, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:399, and where b is greater than or equal to a + 14.	AW363446, AI768639, AW393582, AW069238, AA151805, AI302102, AI359022, W72706, AA167429, AI832676, AA534996, AA115174, AI829074, AI870640, AI752265, AI829963, AW022975, AA582822, AA191555, N25968, W63569, AW192674, AI769388, AI418471, AA992113, AW188331, AI816897, AA131045, AW088562, AI685393, AI458130, AI434065, W44478, AA311020, AA126150, AA845374, AA166828, AI422242, AW183765, AW009816, AL120940, AI719342, AA130707, AA167430, AA843760, AA948026, AA644539, AA398996, AA558422, AA661630, AI539659, AA927865, AI742544, AA143536, AI820088, AA305513, AI815029, AW102901, AA725804, N25600, AA864619, AA405085, AA503401, AI129577, N33792, AW385446, AI609769, AI685398, H99319, H09563, AA412702, AI245353, AI632835, AW403447, AI359809, AI214594, N29003, AA151703, AI199980,	

	R19741, AA578597, W60512, AW275274, AI423339, N23217, N28799, AI433553, AA399590, T32456, AA113239, AI224550, W43020, AI301295, N69429, C06159, N20135, AI110878, H28875, W42768, H80208, N30029, W43024, N20632, AI041497, N28791, AI023104, AW402233, W77945, AI335353, AA209228, AN305280, AI826788, AW236394, W27707, AA683390, AI342826, W27341, W26189, H96883, H99165, AI752266, AA004530, C06009, AW377536, AA704311, AW021532, AW023135, AA854663, AL121186, AA903459, AA5333596, H94852, AA171726, D82543, AW238387, AI274027, N28783, AI866370, W27016, AW265015, N68824, AI59943, R23541, AA311653, AI267623, AA962407, AA526754, C18645, AI267718, D82488, H63616, AI224548, AW136170, AW263407, H12905, W43025, W02651, AA758158, N28767, AI025877, W26304, AI026008, AA004531, AA400249, AA297602, C06105, AA171916, AA857896, C14639, AW244099, AW296975, H11623, AA872095, AA143786, W42769, AA132405, H62867, AA582670, C74987, N37003, N90094, AI283942, AA115891, AI039558, AI022053, AA211911, AW361776, AA442767, T19100, AA913247, N30039, AI023176, AI721077, T28136, AI700275, N26423, AI368394, AA588514, H94909, AI864587, N67089, AI365397, AI299400, N80147, N81159, W28282, F12975, AA429756, R61550, H27750, R61604, C06136, F10573, AI581154, R53662, D61291, N22263, AI687776, AI268504, AW377411, T78753, AA132404, T31614, AA634124, AA732731, T39216, R85616, D54711, R5351, AI523706, N23210, AA737342, AA305887, H06006, AA855148, AA159427, AI956031, W80897, N36598, W38538, AI708463, T34258, D19591, AA568544, AA758826, W26873, T75286, N91049, T33457, D82466, AL008725, AF107406, S83440, D17446, I34403, AC002565, AC007384,
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		AC004953, AC006480, AC006006, AC003037, AC005081, AC005537, AP000194, AC005996, AP000313, AC004887, T39564, T49001, T51027, T51119, T52635, T52636, T92662, T96399, T96483, T77694, T77871, R10480, R10524, T85612, R26017, R31416, R31417, R31940, R31986, R39183, R39327, R44291, R45161, R44291, R45161, R68587, H05490, H05956, H12133, H13202, H13569, H13604, H13707, H13759, H39869, H54460, H54549, H62527, H63569, H78832, H82866, H88720, N24185, N34198, N36374, N71957, W03674, W20495, W20251, W32740, W56201, AA054354, AA054436, AA062873, AA070066, AA070835, AA078978, AA084013, AA112169, AA126374, AA130792, AA143537, AA148157, AA191305, AA494535, H62594, H85469, AA662462, AA947138, D82587, N56019, N56389, N83818, N84652, W26834, C04818, C14771, AA130964, AA247790, AA291024, AA412703, AA585266, AA628194, Z19435, AA845243, T25450, T25453, AA860706, AA985151, AI097150, Z28687, Z30133, T27432, F03466, F05953, F05952, F03571, F07189, F07315, F00126, F00213, R10895, R10946, Z20073, AA694564	AA446834, AA428171, H40390, AL040117, W01904, R2070, AA978340, AA910696, AI672174, AA760703, AW172759, AI923817, AA446835
400	HHFCX08	859354	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1348 of SEQ ID NO:400, b is an integer of 15 to 1362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:400, and where b is greater than or equal to a + 14.
401	HNTEG54	859702	Preferably excluded from the

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1389 of SEQ ID NO:401, $b$ is an integer of 15 to 1403, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:401, and where $b$ is greater than or equal to $a + 14$ .	AA927507	
402	HNFFZ19	860915	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 2373 of SEQ ID NO:402, $b$ is an integer of 15 to 2387, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:402, and where $b$ is greater than or equal to $a + 14$ .	H98066, AI346325, AI120815, AI609222, AI340324, AI089431, AI160481, AW362004, AA173948, AI128176, AI346651, AW025079, AA987217, AI146776, AI143181, AW026314, AI203634, AI479977, AI381614, AI276013, AA404263, AW020546, AI778163, AI146782, N51322, AA996322, AI128001, AA009485, W52982, AI342106, AW023446, AA176998, AI829200, AW166929, AA976923, AI088295, AI221676, AW022014, A1961317, AA860986, AA716493, N63327, AI479473, AI377519, AW043623, AI337959, AI346240, AA227142, AI334238, AI871328, N36163, AA937521, AI735157, AI339702, AI023362, AI279584, AW276346, AA573338, AI637574, AA173910, H99800, AI684359, AI131000, AI281359, AA040083, AA451681, N70597, AI091140, AI963613, AA194088, N35688, AI022353, N20212, AA732819, AI146931, AA600333, AA455063, AA174011, T49150, AA173546, AW083530, AA427909, AA775302, A2523857, AA737743, AA424132, AA101472, AA513236, AA983546, W04916, AI273250, AA102703, N25762, AI300889, AA574350, AA235211, AA897562, W52983, AA984957, AA878940, N50731, AI675859, AA047630, AI364087, AI472853, AA643825, W78213, H88411, R50720, AA613549, W95401, AI862791, AF121165, AI244736, AA009899,	

			AA189001, AA748624, AA604006, AI350102, H88352, AI866721, AA083715, AA872082, AA235084, W95450, AA427370, AA177093, AA111980, R69033, AA988263, AA737904, W77786, W72680, AI291399, AA321329, W51846, AI022288, R69160, AF526430, AA625937, AA938583, T63358, R64544, R73395, AA730629, AI709132, AA927680, H03596, AI499906, AA169667, AI476078, R69274, AA370521, AA970421, T40877, AI355234, AA181771, T74190, AI352419, T49149, H03802, AI434893, AA013225, R62859, AI868456, R69032, AA989340, T49169, AI275054, AI343802, AI686041, N66155, AI718261, AI472860, AW168310, AI522134, T98224, AI269841, AI918430, AA843340, AA352637, AW337126, R64529, AI986125, AA625666, T64000, R81483, H89144, AA971864; AW379006, T92828, C18921, AA381567, AA309580, T63609, T49168, AI571495, N98678, AW103915, AA551544, AA872081, W35265, AA629207, T39901, R62810, AA340530, AI922130, AA886252, AI918429, AW025133, AA872235, AI419594, D59247, H21733, AA362235, AA343621, R20736, AW022353, AW151874, AI926159, AA669494, T63458, AA401266, H21934, R31268, R33258, AA299046, T63682, AA872964, D61995, R33259, AA169280, W23587, AW370922, AI214942, W33206, AA189002, C21454, R27858, AA059031, AI784403, R64545, AA047574, AI092088, AW085886, T98223, T64111, W37270, R64530, R85757, U77396, AF010312, AC002352, AC006538, AC007021, AC004143, AC004024, AL0333527, AC004966, AC005332, AC004491, AP000952, AC006262, T64031, T64078, T92749, R31874, N67272, W70316, AI094890, W19386, AA094519, AA437404, AI051527, D20502, AI291627, AI348372	AA788946, AI754368, AI138165, AW069293, AW303444, A1B31403, AI755129, AW237056, AI093206, AI753354, AA393869, AI863045,
403	HCDEA29	861209	Preferably excluded from the present invention are one or more polynucleotides comprising a	

	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4048 of SEQ ID NO:403, b is an integer of 15 to 4062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:403, and where b is greater than or equal to a + 14.</p>	AA393803, H15868, AW081949, AW069235, AI753546, AI679040, AI469093, AI754760, AW239269, AA678550, W58265, AI348137, AI141432, AI750956, AI270477, AI753984, AI752931, AA081393, AW272507, AI890627, AW152185, AA142985, AI679765, AA600345, AI683662, AA599911, AI955804, W72891, AI683274, AW022057, AI554502, AI368694, W78174, AA723207, AW069330, AI750957, AI911862, AA147548, AJ243226, AA994259, AI445315, AA663291, D59314, AI918010, AI923317, W92396, AI825356, AW083677, AA150915, AW275175, AI584114, AA679767, AA678400, W76096, AI002980, AA478481, AI753210, AI753172, AI754137, AA328665, AI635318, AI016709, AA705988, D626227, AA332855, AI539100, H93952, N64047, AA659665, H79672, T91649, AA852182, AI346933, AI142490, D79766, AA614734, AW371066, AA853145, AW376196, AA361568, N90566, W92395, AA373866, AI926391, W20207, AI1382388, AA375057, AW438987, N93406, AA357630, AW022533, T95571, T93254, R09121, AA852181, AA333641, T95570, AA333626, AW276393, W21448, AI003181, N67161, AI567192, AW070658, W05687, AA853144, AI061096, AI364425, H93951, AW019988, AW023072, R09120, AAS41569, H79673, AI439452, AI812015, AI866127, AI570807, AW004886, AW149925, AW151786, AW131282, AA470491, AI269205, AL119863, AI583065, AI687168, AI802240, AI365256, AI288050, AI333638, AI524671, AI927233, AI439762, AI590227, AI611743, AI537677, AW089226, AI621341, AI802654, AI624693, AI284035, AI564719, AL110306, AL119791, AI433157, AI702073, AI929108, AW089405, AI961589, AI538259, AI630928, AW089275, AW132056, AI590830, AI587156, AI285826, AI270183, AI590134, AI554485, AI469505, AW080992,
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	AI866457, AI609360, AI934035, AW090550, AI963846, AL048656, AA514684, AW083750, AI249946, AL041150, AI815232, AI591420, AI573060, AI932949, AI801766, AA835801, AA743012, AI570861, AI611738, AW151136, AI560171, AI683348, AI811373, AI610402, AI950877, AW051088, AI868204, AI890507, AI636456, AI475371, AI868931, AW020095, AL043975, AW172745, AI045500, AW087445, AI923989, AI500061, AI696398, AI470477, AI345745, AW160916, AL037454, AI499621, AW163834, AI860496, AI499131, AW118496, AI362580, AI679266, AI862139, AW081866, AI698391, AA911767, AI625464, AI612852, AI537617, AI799183, AI866770, AL042382, AI619502, AI619737, AI457369, AI046944, AI523964, AW088903, AL079963, AW172607, AI677796, AA848053, AI537074, AI932503, AI474146, U73778, AL096771, X61024, J05137, D00824, U25652, U57362, U57361, S48373, U57095, S48374, S48383, AL050138, I30339, I30334, I89947, AF090901, AF182215, AL117435, E05822, I48978, AL137459, AF177401, Y11587, E04233, AL050116, AF118064, AL049464, AL137539, Y16645, AL133640, AL137429, AF028823, I33392, AL050149, A93350, AF175903, AL049283, AF069506, A08916, I48979, A08910, AL110280, X82434, A08909, U72620, AL133080, AJ005690, Y14314, AL137461, AF026816, A08913, S68736, A12297, AL080159, AF087943, AF090900, AL137533, A45787, AL122123, AF078844, AF097996, Z13966, AF111849, AF090903, D83032, AR011880, AL050277, AF113690, Y10823, AL117457, U42766, I89931, A65341, X70685, Z37987, AL137300, AL117460, AL110221, AF158248, X06146, I49625, AF111851, AL133606, AJ000937, AL049430, AL137480, AF113691, AR038854,
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			AL122110, AL050024, A77033, A77035, AJ242859, AF183393, AL137521, AL133568, U80742, AL137267, AB016226, I03321, U53505, AL137550, AF039138, X63574, S78214, AL137479, AF113019, AL122050, AL137271, Y09972, AF039137, AF113013, X98834, AF111112, AL049452, AL080127, AL133016, AL133560, AF113677, AL110196, U87620, AF146568, U35846, AF090934, AF090886, AL050108, AL117394, AL122093, AF106657, U72621, AL133113, AF061943, E01573, E02319, AL133557, AF113694, AR013797, A08908, AL049466, S834440, AF017152, A08912, I32738, AL096751, AL122121, AF057300, AF057299, AF104032, X53587, AL080124, AL137294, AL049314, E02349, AL137523, E07108, AL122045, AF185576, AL137557
404	HCYBJ35	861534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 847 of SEQ ID NO:404, b is an integer of 15 to 861, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:404, and where b is greater than or equal to a + 14.</p> <p>AA305455, AW015301, N28365, AA593514, AA569620, R18925, AA582378, D80522, D58283, D80253, D80366, D80133, D80043, D80251, C14389, D80391, D59787, D57483, D80196, D51022, D50995, D51060, D81026, D80248, D80045, D59467, D59859, D59275, D51423, D80022, C14331, D80166, D80195, D59502, D59619, D80210, D51799, D80164, D80240, D80227, D59927, AA305409, D81030, D80024, D59889, AW360811, D80269, D80212, D80188, D80247, D59610, D50979, D80219, C15076, D80038, AA305578, AW377671, C14014, D80193, D80268, AA514186, AA514188, D80378, D80439, D80241, T11417, AW177440, D80302, C14429, AW178893, AW178983, C06015, AW375405, T03269, D59373, AW17731, C75259, AW178906, AW366296, AW179328, AW360844, AW360817, D51103, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80014, D80157, F13647, AW378532, AW360834, AW177501, AW177511, D51759, AW352170, D58253, C05695, AW352171, AW377676, AW177505, AW179024, D59653, AW178907, AW378528, AW178762, AW179019,</p>

AW367967, D80132, AW176467, D51250, D80134, AW360841, AW179020, AW178775, AW178909, T48593, D45260, AW177456, AW179329, AW178980, AW369651, AW178914, AW177333, AW178908, AW178754, AW179018, AW352158, C14227, AW352117, AW178774, AW352120, AW179004, D51079, D80258, AW179012, AA809122, AW378525, AW352163, D81111, H67854, C03092, D58101, AW378543, D59503, H67866, AW177728, AW179009, DB0064, AW178911, AW352174, AW367950, AW177722, C14973, AW378540, AI910186, D58246, AA514184, A1525923, AW178781, AI905856, AW177734, T03116, A1525917, D59317, C14407, AW178986, C14344, AW378533, D452273, C14957, D51221, D59474, D60010, AI55774, AI525235, AI525920, D59627, A1535850, AW177723, AI535686, D59551, A1525227, D51213, T03048, D60214, C14046, A1525228, C14298, AW378539, AI557751, D80168, A1525242, A1525222, AI525912, AW179011, AA285331, A1525925, Z333452, A1525215, C16955, T02974, AW378542, C05763, D51097, 221582, AW360855, A1525237, H67858, C04682, D51231, D52291, T02868, D51053, D59695, AJ132110, AB028859, AR018138, AR008278, A62300, A62298, A84916, AF058696, A82595, AR060385, AB002449, X67155, Y17188, A94995, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, X82626, AR054175, Y09669, A43192, A43190, AR038669, AR066487, I14842, A30438, Y17187, AR025207, AR008277, AR008281, X68127, A63261, D50010, AR066490, X64588, AR062872, A70867, I82448, I18367, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, D13509, AR060133, AB012117, X72378, AF123263, AR032065, U79457, Z82022, AR008382
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405	HEBGA63	861697	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1016 of SEQ ID NO:405, b is an integer of 15 to 1030, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:405, and where b is greater than or equal to a + 14.	AI080468, AA418647, AW161389, AI811956, AA573763, AA878936, AI911674, AA314980, AA670106, AA236821, AW391361, AW382143, AI151265, AW191948, AA789208, AA687793, AA598814, AA334072, AA775852, AA307422, AI358482, W39512, AA211876, AA774980, W16806, AA610596, AA410349, AI055879, AW162057, C05917, AI815919, AI928921, W39158, AI253295, AA774763, W24716, AA873217, AA253317, AA236781, D82214, AI038950, N93063, AA984706, AA418548, AI268085, AA262342, AA854900, F00834, W05730, AI678756, AA815410, AI928249, AA579924, AA910210, AA406409, AB834206, AA878938, AA317968, AW298758, AA683038, R11913, AI813763, AW024904, AA341594, AI131512, AI150646, AI124762, AA319872, AA989397, AA933884, AA565524, W52885, AI929174, AW382150, W80819, AI302520, AA209282, AA906792, F01195, T99166, AA988035, AA602376, AA576237, AA362873, AA872148, AW392356, N90236, AW392318, AI222938, R42924, H07003, AW271516, AI949964, AA158397, AA747874, AA004976, AI948692, N74886, W60093, AW392089, AA113297, H05454, AA004863, W15220, AA324556, AI271996, AA158514, AI272005, AI985478, AI469035, AI761937, AW374324, AI823614, F03425, AI766959, X03747, U16799, X03883, X04635, M38313, X03937, AF204927, X05297, J02701, M14137, X17162, X16646, M25159, M25160, X61433, M25161, X17161, AF034480, X63375
406	HFACI10	861826	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2414 of SEQ ID NO:406, b is an integer of	AA058863, AI681932, AI433708, AI701156, AA744756, AI765543, AA748766, AA573886, W74619, AA446934, C05807, AA807534, N34842, AA447856, H10332, AA576797, AI401071, AA059327, AI249003, N80477, AW028793, AI291540, AW05248, AW022291, AI345989, N62688, AA128903, AA040014, AI475548, AA443357, AA314184, AW016942, W19934, N68510,

		15 to 2428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:406, and where b is greater than or equal to a + 14.	N63631, N80462, AI222850, AA761854, AA670372, N55352, AI333296, R69485, AI168591, AI333297, AA568155, AI989358, AI346776, AA134835, AA464610, AA501941, H99168, H90437, AI262312, AI769724, H10333, AI348289, AI299376, R83327, W00825, W94195, W01972, H52396, AI201740, AA112365, R24954, AW131097, AI275051, H90386, AA219261, AA620503, AA219337, AA598718, AI937826, AA018112, AI695367, AI671097, AW183475, N27057, N69539, AA086194, AA063281, AA719017, AI208725, T16450, R35684, H52395, N43917, AI198900, AI271916, AW162284, AW242381, R83424, AI951002, AA112364, H86605, F13382, AA988348, AA766496, N77359, AA653119, AI590732, H86524, R34527, AI002326, T77193, Z38631, AW401758, AA257964, T33721, N34801, R42813, T17317, AA018111, F02106, A1879795, F10973, T16747, AI214496, AI253777, R49037, AA301894, R45217, AI674372, AA601562, AA351220, AA769079, W21605, AA063266, F01935, AW264208, R70378, F05027, N79085, Z42425, F05675, AA628039, D31586, AI445203, AW272928, D79284, AW023691, AC002323, Z81330, AF052138, AC002105	
407	HETCM67	861909	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2033 of SEQ ID NO:407, b is an integer of 15 to 2047, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:407, and where b is greater than or equal to a + 14.	AI927716, AA479710, AI624420, AI696897, AI470208, N64824, AW298323, AI921914, AA280392, AA648830, AI866003, AA805155, AI624552, AI393447, AW364516, AI364737, N75676, AJ242015, AF137334, AJ242014, AF137335, A61275, A61276
408	HCRNF78	862197	Preferably excluded from the	AI082249, AI917738, AI765311, AI569854, R60843,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 878 of SEQ ID NO:408, b is an integer of 15 to 892, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:408, and where b is greater than or equal to a + 14.</p>	AI079350, AW015424, R34737, AA127263, AI860770, AI094178, AA580273, AI886702, AI886517, T80049, AA127262, AA377155, AI024477, AI744759, AL119324, AW372827, AW392670, AL119457, AW363220, AL119399, AL134920, AW384394, AL119363, AL119391, AL042975, AL119483, AL119319, U46341, AL119497, AL119355, Z99396, AL119341, AL119484, AL119396, AL119443, AL134902, AL042614, AL119335, AL119522, AL042544, U46349, U46346, U46351, AL042965, AL042433, AL119496, AL047163, AL079683, AL119464, AL042973, U46350, U46347, AL042898, AL119444, AL134536, AL043011, AL042984, AL042450, AL037205, AL119401, AL119439, AL119418, AL042978, AL042542, AL042980, AL042896, AL042970, AL119488, AL043029, U46345, AL134527, AI142139, AL043019, AL119304, AL042551, AL042428, AL043033, AL043003, AL119320, AL043039, AL043037, AL043008, AL042850, AL133095, AR066494, AR060234, A81671, AR054110, AB026436, AR069079	H89053, AA324208, AW205793, AP000967, AF200465
409	HRACX96	862232	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 682 of SEQ ID NO:409, b is an integer of 15 to 696, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:409, and where b is greater than or equal to a + 14.</p>	
410	HTLAK94	862237	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	

	<p>nuotide sequence described by the general formula of a-b, where a is any integer between 1 to 1871 of SEQ ID NO:410, b is an integer of 15 to 1885, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:410, and where b is greater than or equal to a + 14.</p> <p>AA932930, AI829710, AW268605, AI202768,      AI148589, AI808710, N37092, W74439, AI436105,      AI332422, AI222787, AA865258, AI091541,      AI830140, AI476645, AA436117, AI393567,      AI742423, AI991280, AA976254, AI040961,      AI911731, AI204236, AI807161, AI798704,      AI091532, AW001083, AA883578, AI536845,      AI684261, AA906270, AI286196, AW084515,      AA884285, AW195890, AI1203679, AA884231,      AA435561, AA843421, AA393148, AI142135,      AA776717, AA740667, AI149711, AA917965,      AA758038, AA9233373, AI936554, AI167652,      AA994527, AI083755, AW043785, AI291760,      AW269733, AW304042, AI243370, AA456074,      AW391262, AI694334, AI027967, AI243219,      AI167246, AA910051, AI031908, AA846787,      AI200425, AA757222, AA77492, AI1311479,      AA758549, AI833323, AI091504, WS8740, AI688130,      AA725406, AI935008, AI025986, AI318065,      AA972041, AA962659, AI829757, AA897637, N29346,      AA748637, N40362, AA996162, AI150116, AI799122,      AW166483, AA971938, AI1083851, AI679583,      AI243421, AW188625, AA884703, AI347903,      AI241349, AI024835, AI807973, AW183835,      AI025228, AI798180, AI858097, AI276559, W79084,      AA875917, AA410432, AI493367, AA905015,      AA505880, AW371415, AA904368, N39659, AI743644,      AA305510, AA938552, AI284271, AI377383,      AI911350, AI187351, R23891, N27547, N26589,      AW082764, AA954722, AI214377, N46406, AA843427,      W00472, AA412317, AA954270, AA455577, AI971480,      AA305179, AW085014, AI689289, AA740333, R65987,      AI220007, AI216245, AA815444, AA099550, R76814,      R65986, AA835882, AA969436, AA393638, R83423,      AA861386, AI198119, AI168675, AA815351,      AI698618, AA977877, AI762065, H72396, R71169,</p>
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		H02479, AI289227, AA952918, AA305134, AI205806, AI160545, AI269132, R23890, AI243242, AA970621, AI223152, AI215980, AA999722, AW082794, AA928243, AA890154, AA912408, AA927156, AA758323, H17429, R63480, D60944, H01351, AI216504, AW137925, AA932728, R63278, R89701, AA972542, AA885425, AI272123, AA628621, H12460, AI749504, R89052, AA724803, AA775373, H59895, H72421, AW135447, AA877346, H01218, R75983, R02720, R73757, R73969, AI826276, AA970616, AI001978, R76229, AA295914, H02478, R76230, H03862, R31547, R37557, AI189999, AA853105, F37219, D61030, AA548419, AA588892, AA483809, R73670, R73883, H00834, R63227, AA885048, AA442745, AW104374, AI885432, AI149979, AI784120, R31066, R26664, H17430, R76442, R36714, AA832163, AA833569, R79832, AF151810, AF039696, T85666, R23710, R25111, R25112, R72440, R76443, R79639, H03307, H03308, H12509, N57044, N72191, AA099077, AA159464, AA501911, AA512970, AA516390, AA534533, AA541583, AA577436, AA885823, AA928429, AA705903, AA709286, AA812583, AA860558, AA883844, AA907332, AA939048, AA953782, AI301012	
411	HCQCV31	862277	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 570 of SEQ ID NO:411, b is an integer of 15 to 584, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:411, and where b is greater than or equal to a + 14.

412	HTJMG70	862285	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:412, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:412, and where b is greater than or equal to a + 14.	W81119, AW361705, AI023171, AA535154, AW157219, AI921982, AA515031, AW069552, AI311724, AI857692, AI862158, AI289893, AI079531, AA235169, AI051186, AW135105, W78767, N64363, N92160, H27964, AA554699, W24363, AI358378, AA827945, AW151259, AA778925, N48967, AA935704, N98752, AI087228, AI289894, H27965, AA234898, H25648, N48871, H16658, AW264713, AA554060, AA761787, AA256622, W30963, AA748881, H16515, Z42632, AA642946, Z24944, N45683, AI468784, R62650, T05232, C18517, AI382379, H90088, Z38800, N99389, N45623, R62602, AA634880, R36126, R36398, AA256515, H98998, AI474159, H89998, AW273277, AW163223, T07753, N71434, N93642, N98751, AA091881, AI557258, AI557082, AI541321, T18597, AI541205, AI525500, AI557533, AI525556, AI535660, AF111168, A62298, AR050070
413	HSNAT52	862423	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 350 of SEQ ID NO:413, b is an integer of 15 to 364, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:413, and where b is greater than or equal to a + 14.	AA506281, AI044326, AI624181, AA598748, AI278429, AI651080, AW236530, AI206105, AA593024, AA393540, AI002760, AI207152, AA653491, AI299472, AW020592, AW020397, AW020931, AI525653, AW020634, AW019988, AI343030, AI340510, AI334889, AW023863, AW020328, AI557808, AW021178, AW020425, AI336565, AW022826, AW022308, AW022299, AI312264, AW021717, AW020406, AI349805, AW020710, AW023351, AI783838, AW022981, AW020403, AW021693, AI274731, AI559782, AI557238, AW022593, AW021182, AI310920, AI313352, AI307503, AW020480, AI557104, AI525669, AI313320, AI336585, AI334913, AI349266, AI344452, AI349787, AI310951, AI344938, AI340634, AI312146, AI340537, AI312339, AI309431, AI312165, AI345258, AI349288, AI349628, AI340610, AI307459, AI343140, AI349971, AI348879, AI307507,

			AI340639, AI307538, AI311604, AI343995, AW023469, AI349220, AI340613, AI307456, AI348897, AI311440, AW020876, AI312333, AI312398, AI310945, AI312431, AI312414, AW022168, AI34952, AW023955, AI311472, AW023884, AW020629, AW022760, AI349269, AW021059, AW021466, AW021561, AA814582, AA189092, AL047042, AI349246, AW019985, AI541027, AW023617, AW021066, AW021909, AW195116, AB002359, AB031064, A59344, U49908, S56212, X733361, AL133016, M79462, X96540, AL137267, X60769
414	HHFCZ67	862456	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1319 of SEQ ID NO:414, b is an integer of 15 to 1333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:414, and where b is greater than or equal to a + 14.
415	HHFI95	862486	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3132 of SEQ ID NO:415, b is an integer of 15 to 3146, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:415, and where b is greater than or equal to a + 14.

			AA995784, AA0031985, AA993733, R67234, AW136432, Z39821, AA173320, H51502, AA173319, AW316605, H02648, Z26973, R81685, AI244925, AI016876, H18437, AW265135, T54070, AI541355, AA565781, AW023057, R74303, AA856745, T34301, R28236, H74149, R38158, A1332886, Z42782, AW242417, R34113, AA731347, H51503, R38121, F05473, D57866, AA031984, R27980, R81686, R38063, R38035, AA300862, A1804174, AW050651, AI499327, AA894455, Z38926, AW151345, F01732, AA248693, AI364416, AW119129, AA342961, AW402975, AA708733, AA830423, AB002533, U93240, Y12393, AF020771, D17139, AL022152, AL109623, AC000100, AC004945, AC004129, AP001172, AC005392, AL034551, AC005783, AC003001, AL031054, AC005818
416	HMSOR85	862709	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 580 of SEQ ID NO:416, b is an integer of 15 to 594, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:416, and where b is greater than or equal to a + 14.
417	HBJJU68	863865	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 548 of SEQ ID NO:417, b is an integer of 15 to 562, where both a and b correspond to the positions of

		nucleotide residues shown in SEQ ID NO:417, and where b is greater than or equal to a + 14.	AW117398, AI214877, AI911337, AA233622, AA864950, AW275286, AA213392, AA425133, AI475634, N24819, T94173, AI419516, AI701411, N42400, AI147373, AI287696, AA622262, AA505746, AI350967, AI083596, W74274, N63079, N33426, AI832767, H71470, W44645, T94091, N52803, AI184310, AA195578, AA233420, AI005421, AA029095, AW014339, AA908660, W79889, AI350791, AI368443, AI954381, AI473104, AI275186, AW241382, AA515528, AA194897, AA782901, AW069414, AA426011, AA485787, AA29914, AI305169, AI117489, S82009, S82008, M63599, AC004913	AA186686, AI983378, AW073370, AI571754, AI949363, AW297852, AA866117, AA837398, AI087053, AA527147, AA134227, A1214230, AA134226, A1219901, AA740489, AI766718, AI083795, AI471975, AA186685, AW249810, AI889098, AA969313, AA661756, AA908358, AA326181, AA622860, R72195, AI955869, AI815177, F34949, AA350806, AI697087, AW009686, AI738560, AW248074, AA586777, H96214, AA301762, F19158, AA350807, W21593, N89670, AW183231, AA346389, C00663	AA1992583, AI417032, AW196768, AA527116, AI416996, AA994849, AI097395, AA315508, AA263045, AI912268, N36881, AA460609, AA837748, AI375674, AI052203, AI383778, N66508, AI368949, AW291674, AA689425, AI912651, W39520, AI753186, AA336608, AI290160, H13540, R66265, N56046, R66729, N46151, AI250865, AA706445, W16926, AC007899, AF167460, U50633, AR030750, M35663, I66342
418	HDPBN09	863944	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1398 of SEQ ID NO:418, b is an integer of 15 to 1412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:418, and where b is greater than or equal to a + 14.		
419	HFNAC49	864428	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1925 of SEQ ID NO:419, b is an integer of 15 to 1939, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:419, and where b is greater than		

420	HHETS46	864808	or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 562 of SEQ ID NO:420, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:420, and where b is greater than or equal to a + 14.</p> <p>AI264637, AW440517, AI289816, AA308065, AI087224, AI333981, F22528, AI087291, AI042559, N32838, AA101212, AA513003, AA127626, AA716353, AA121528, AI208270, W39584, AI024761, AI805206, W44935, AA448463, AI685445, AA677140, AA045311, AI094396, AA932240, AA062780, AA973273, AA112905, AA062735, AI911056, AA082078, AI347381, AA045417, AI832874, AI086794, AA431571, T96692, AI890885, AA894627, AA304050, AI248836, AA327793, AA302176, AA302332, AI350909, T96809, AI283682, AI695634, N42284, AI074777, AI097092, AA704961, AA704993, T97458, R09226, T97730, T97914, AA203274, AA083929, AA331180, AA593102, AI540890, AI541321, AI557426, AI541056, AI557602, AI541027, AI541279, AI535813</p>	<p>AI078121, T61964, AL079622</p>
421	HHATS67	864822	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 937 of SEQ ID NO:421, b is an integer of 15 to 951, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:421, and where b is greater than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 937 of SEQ ID NO:421, b is an integer of 15 to 951, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:421, and where b is greater than or equal to a + 14.</p>	<p>AA810700, AI459372, AW204494, AI167739, AI308750, AW079517, AI304463, AI348049, AA781353, AA740190, AI245908, AA448390, AA194605, AI073753, AI245270, AI160024, AI346019, AI240109, AA579960, AI146972, AA804861, AI244610, AI018032, AI924255, AA782917, AI198405, AA150413, AI498033, W846999,</p>
422	HLHTL45	865044	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:422, b is an integer of		

			15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:422, and where b is greater than or equal to a + 14.	AA150136, AI088909, AW195727, AI350465, AW207349, AA773774, AA908581, AW182756, AI023582, AI698603, AA772649, AA740373, AI245510, AI004632, AI198724, AI566264, AA477201, AA291758, AA477036, AA768998, AA781769, F34275, AA479797, H69491, AW074444, AA448387, AA026249
423	HHEJZ45	865420	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2059 of SEQ ID NO:423, b is an integer of 15 to 2073, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:423, and where b is greater than or equal to a + 14.	AA877614, AA628899, AA423875, AW291028, AI149868, AA209244, AI802203, AW087182, AI199494, AI218592, AA423837, AW004725, AI042456, H15124, AI916084, N74995, AA807339, AI739439, AA994646, T90789, AI570646, AI563977, AA504557, AI671879, AI276433, AA845650, AI659007, AI953416, AA758717, AI69947, AW374652, AW235833, AI401836, AI351215, AI440396, AI923989, AI433157, AI554821, AW151136, AI539771, AI537677, AI500659, AI815232, AI801325, AI500523, AI582932, AI284517, AI500706, AI491776, AI445237, AW151138, AI889189, AI521560, AI500662, AI284509, AI889168, AI866573, AI633493, AI434256, AI805769, AI888661, AI284513, AI888B118, AI440252, AI633125, AI927233, AI889147, AL047611, AI866472, AI670009, AL045500, AW172745, AI702073, AI500061, AI494201, AI866510, AI637584, AI433976, AI471909, AI289791, AI815239, AI687362, AL042377, AI872300, AI929108, AI436429, AI275175, AW090071, AI499463, AI801286, AI915291, AI887308, AI610362, AI866770, AI285417, AI440239, AI698391, AI521594, AW163834, AI537273, AW198090, AI371228, AI436456, AI963846, AI567940, AW087445, AI817244, AI345587, AI110306, AI610557, AI612913, AI285826, AI863014, AI499512, AI889133, AL042787, AI610402, AI283760,

	AI434223, AI610429, AL039086, AI539632, AI889148, AI539847, AI274759, AL042538, AL042551, AI446536, AW148363, AI567935, AI805762, AI432656, AI049851, AW073865, AI612852, AI580435, AW190194, AI270183, AW172723, AI249946, AL048323, AI866608, AI872423, AI432666, AI620284, AA928539, AI826636, AI567993, AI859991, AL047422, AI538885, AI866465, AL036780, AW268302, AI434242, AI866691, AI433968, AI371251, AL040844, AI345415, AI890223, AI537191, AI863241, AI796743, AI440263, AI561170, AI242736, AI866469, AL041862, AL042365, AI432644, AW083804, AI804505, AI866786, AI690946, AI860003, AI354998, AI678496, AI887499, AI677796, AI343030, AI538850, AW130776, AI887775, AI288285, AI590043, AI653979, AI926593, AI587114, AI582912, AI539800, AI932794, AI866457, AI119836, AI445992, AI500714, AW301505, AI340519, AI912356, AI285439, AL042745, AI623736, AI355779, AI581033, AI431307, AI491710, AI249877, AI440238, AW169671, AI567971, AI431316, AW192652, AI699056, AI539260, AI828574, AA259207, AI434468, AI654276, AW151979, AI612885, AA420758, AI539781, AL048340, AW152182, AI539707, AI702065, AI564719, AA420722, AW118518, AI885949, AI768496, AI285419, AI559957, AW089557, AW131331, AI521571, AI469775, AI890214, AI866581, AI349772, AL042557, AI797908, AI648567, AL048312, AI864836, AW074057, AI815150, AI567953, AI446495, AC004812, I48978, I89947, AF113677, A77033, A77035, AF113699, AF090901, I48979, A08913, AF182215, I66342, AL110196, A08910, A08909, AF087943, AF079763,
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AL049382, AF090900, A07647, AC007458, S61953, AL122049, AJ012755, AF017437, AL137550, M92439, U35846, X72889, I89931, AL122121, I49625, AF113019, AF090903, A08916, U30290, AL117435, AL050277, I03321, AL133072, Z82022, AL050393, AL137480, X62773, AF104032, Y16645, AL080159, AL133075, AF146568, AF090896, S78214, AL137283, AL049938, Y11254, AL050149, AF125948, X82434, AJ00937, AL137271, AF183393, AL137658, AL133560, AL122110, A65341, AL133080, AL133070, AR059958, AF026124, E07361, A58524, A58523, AF026816, AF091084, AF004162, AF067728, AL110221, AL133113, AF032666, AF067790, AL137560, AL137459, AL049452, AL137533, AF177401, U80742, AL137488, A03736, AF106862, AF131773, AL049283, AL117460, AL133557, AF090886, AL096744, AF158248, AL110280, E12747, I68732, AL133640, S63521, L40363, E02349, AF176651, AL122098, AF185614, Y14314, AL133016, X99971, AL133565, AL133049, AF113694, AL133084, AL049300, AL137557, AL050024, AL049430, AL117585, A93350, AC002471, AL050116, AL133077, AC005374, AL122123, U92992, AR000496, U39656, X70685, AL049466, AL133067, AJ238278, AR053103, AL117457, X658873, AF115410, E05822, Y11587, I33392, X84990, S68736, AF180525, AR068466, X63574, AL117583, AL080124, AF090934, AF118094, AL050138, AL133619, AF019298, E15569, AR038854, AL137463, AF119337, I09360, AF097996, X06146, I42402, L31396, AL050108, AL122093, AL096751, AF079765, AL137521, L31397, I08319, AR011880, I35495, AF113691, AF113690, E03348, AF113689, AF200464, AL080074, AF113676, U42766, A18777, U00763, AL137712, AL117626, AF120268, I17767, X52128, E01187, AF108357, AL110228, AF106657, AL137548, AF061943, U49908, AF035161, AF002985,
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			AL136884, AL137429, L13297, AF126247, AF118070, U92068, AF132676, AF061836, AL137538, AF017152, AF185576, AR034821, AF057300, AF057299, AF113013, AF078844, AF076464, AL049464, AR009628, AF111851, I26207, X89102, AR038969, X93495, X96540, AF111112, AB019565, AL080060, AR013797, AF161699, AF090943, AF118064, AL133093, U67958, AL122050, AL049423, AL049314, AF141289, AL137648, AJ242859, AL080127, E07108, AF125949, AL122111, AL050146, AL080137, AL117394, AL137527, AL133606, D16301, X98834, U72620, A93016, AF100931, X60786, XB3544
424	HNAAF81	865421	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2595 of SEQ ID NO:424, b is an integer of 15 to 2609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:424, and where b is greater than or equal to a + 14.</p> <p>AA131472, AI741118, AI754213, AI143267, AW182304, AA746017, AI984675, AI001157, AA702327, AW129625, AI084582, AI275034, AA193297, AA328810, AI027611, AI151227, AW407686, AI431663, AI224859, AI910890, AI436774, AA195648, N95606, N69470, AI081581, AI338503, AA135941, AA195647, AI424020, AA323696, AI185201, AI033555, W27152, AA524496, AA055891, AA307138, AA148219, AI085028, AW162502, AA115512, AA285045, AI420987, AI810859, AA001867, AI479676, N79245, AI498247, N90962, AI041867, AI274857, N30668, AA470477, AI245586, AW160632, AA862812, AI004976, AA827925, AW340620, AA282822, AA553813, AI985443, AA669010, AA147218, AA676390, D19675, AI524393, T34039, AA136257, R46125, AA912075, AA354027, AI829295, R40774, T35299, AW294232, Z40261, AI184426, F17833, AA070812, T32719, R14450, AA662529, AI611263, AI174660, AA552130, AI693004, AW0822821, AI918275, R85087, AA389754, T15443, N59872, AW196058, AI824556, AA320867, AI889255, AI453266, AA742955, AI889517, AI635612, AW292521, AI497733, AI802542, AI612913, AW293664, AI492540, AI538716,</p>

	AI036361, AI866780, AL036146, AI636456, AI537303, AL041772, AI963846, AA738104, AI564719, AL045500, AI433157, AI349004, AW150578, AI620284, AA225339, AL119791, AA640779, AI625079, AI475371, AI440426, AI432969, AI282903, AL036274, AI281773, AW026882, AI440239, AL040169, AL134259, AI493248, AL040827, AL079963, AL121014, AI567360, AW071417, AL036901, AW162071, AI349645, AW238730, AI312428, AW268251, AL038605, AI580190, AI340519, AI702406, AI436456, AI537677, AI445432, AL040243, AI285735, AI340582, AW103371, AI521012, AI635461, AW071349, AI671679, AA470491, AI469532, AI620868, AI439745, AI619502, AI687728, AL036802, AA508692, AW198090, AL038779, AL036396, AL119863, AI697137, AL039086, AI340603, AI818683, AI499393, AI699865, AW148320, AI800453, AI800433, AI500077, AI269205, AI610307, AI702433, AL036759, AW169653, AW161579, AI349772, AI536685, AW074993, AI567351, AI349614, AI868831, AI343112, AW089572, AI498579, AI433976, AW268253, AI815855, AI312152, AI345735, AI349937, AI934035, AA613907, AI348897, AA572758, AI269862, AI597918, AW068845, AI682743, AW129106, AI349933, AI524671, AI866608, AI133489, AI673297, AI613017, AL121365, AL039132, AW302965, AA528822, AL047763, AI281762, AI554245, AI590128, AI250293, AI784252, AW268768, AI631107, AI633419, AI934011, AI866002, AI828731, AI874109, AI920968, AW302988, AI811168, AI824746, AI539771, AW268220, AW104724, AI696398, AL036980, AI500061, AI922901, AI273142, AI687375, I48979, AL133640,
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	AL137459, AF090903, I89947, AR011880, AL049452, AF104032, AL117460, Y11254, AF090901, AF118070, AF113694, AF090900, AF090934, AL133560, AL117457, A08916, Y11587, I48978, AL049314, AL050116, AL050146, AL137527, AL050393, S78214, AB019565, AL122050, AL133557, AF125949, AF106862, AL110221, Y16645, AL050149, I89931, L31396, A08913, L31397, AF113690, AF113013, AF078844, AF090943, AL133075, S68736, AF113691, AL133606, AL049938, AL133080, AL133016, AF090896, U42766, AF177401, AL049466, AF113677, AL050277, AL050024, I49625, AF113019, AF118064, AL110196, AF113699, AJ242859, AL080060, AF113689, AR059958, AL137550, A93016, AL049430, X84990, AL050108, AL117435, AL122093, AL133093, X63574, AL122121, AL137557, AJ238278, AF017152, AL096744, AF113676, AL050138, AL049382, E03348, AF125948, AL080137, AL133565, E02349, AL117583, X82434, AL117585, AL080124, AL137463, AF091084, AF146568, I33392, AL117394, AF097996, A65341, AL122123, AF017437, AJ000937, AF111851, AL110225, AF079765, A08910, AL049464, AF158248, E07361, AF183393, AL133113, AL137283, A58524, A58523, AF118094, AL122110, AL049300, E07108, U35846, U91329, X70685, AL110222, A08909, A77033, A77035, I03321, AL049283, U72620, AL050172, AL122098, X72889, Z82022, AL137271, U00763, U80742, AL133072, A08912, A03736, X96540, AL137538, AF087943, A12297, X93495, AF061943, Y14314, AL137648, AL137526, I09360, AF111112, AL080127, AL080159, X65873, AL110197, AL137521, U67958, A93350, AF026816, E08263, E08264, AL137560, Y09972, AL110280, AF111849, AL122118, S61953, AL133568, I26207, X98834, AF067728, E04233, AL137523, AF079763, AJ012755, E15569, AL133558, U68387, AF185576, AL122049,
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			E05822, AL133077, AL133104, AL137556, AF026124, Z37987, AL133014, AF008439, X87582, AR000496, U39656, U96683, A07647, AF119337, AR038854, AL080074, I00734, AF057300, AF057299, U49908, AF003737, E00617, E00717, E00778, AL137476, Z72491, AL137488, U88966, A45787, Y07905, AR038969, U58996, AL137533, AR013797, M30514, AL133098, AF153205, AC004093, AF061573, AF10931, A90832, AF106827, AL137558, AF162270, AL133067, I17767, AL117440, E12747, AF095901, E06743, U78525, A08911, X92070, AC004200, AL137478, AL137480, L30117, AL137294, AJ006417, X62580, AJ005690, AL137705, Y10655, AF030513, E02221, AF067790, AR020905, L19437, AF132676, AL133081, AF061836	
425	HSLGX52	866287	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:425, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:425, and where b is greater than or equal to a + 14.	AI697569, AI697833, N21277, N32584, AI688219, AI291299, AI492326, N75967, AW206251, AA836065, AI916534, AA424349, AI292114, N31212, AA235383, AA555024, H45451, AI538241, H45537, AI784105, AA918245, AA747919, AI911801, AI251010, AA424515, H02792, AA215787, AA090140, AI446091, AW050558, AA683529, AI131054, N41921, AC003010, AC002468, AC005620, AC007088, AC004967, AC005837, AL033518, AC004617, AC004953, Z74617, AC002992, AC006581, AL033397, AJ251973, AC004887, AC003013, Z98941
426	HWLNLI21	866300	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1712 of SEQ ID NO:426, b is an integer of 15 to 1726, where both a and b correspond to the positions of	AA151676, AI769896, AW001439, AA442724, AA701093, AA9888751, M79144, H43287, R85181, H26915, F37221, F32047, R85880, F31655, AI688230, R85111, R87768, AA379165, T34748, AA873108, AA670309, AA483340, R84489, D25831, AB023211, AL049569

		nuucleotide residues shown in SEQ ID NO:426, and where b is greater than or equal to a + 14.	
427	HKADX79	866414	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1514 of SEQ ID NO:427, b is an integer of 15 to 1528, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:427, and where b is greater than or equal to a + 14.
428	H6EAB24	866987	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2041 of SEQ ID NO:428, b is an integer of 15 to 2055, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:428, and where b is greater than or equal to a + 14.
429	HRDFP67	867132	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

			is any integer between 1 to 341 of SEQ ID NO:429, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:429, and where b is greater than or equal to a + 14.	
430	HDPPM58	867388	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2820 of SEQ ID NO:430, b is an integer of 15 to 2834, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:430, and where b is greater than or equal to a + 14.	AI458786, AI887533, AW390526, AW390528, AW195333, AA305871, AW390529, AA779299, AW360787, AA932904, AW081658, AI768543, AA161227, AW188432, AW022692, AA307724, AI623414, AI829401, AI572590, AI972121, AI671703, AW150744, AA308342, AA633228, AA855063, AI669455, AA161190, AA127374, AA847670, AW090023, AI520686, AW117736, AA044425, AW051743, AI339532, AA581822, AW027895, AI261519, AA873824, AW117669, AA070157, AI214974, AI265963, AI858153, AI989366, AW303893, H16931, AW151801, AI560039, AI221820, AI261495, W88481, AA862524, AA127373, AI082034, AI375974, T77484, AI973142, AI291188, AA029130, AA219277, R54545, AA448652, AA448748, AA099307, AI915901, W90061, AA810334, AA314303, AA594480, AA668520, AI040180, AI61937, AI863529, AI635285, AI811551, H20093, AA219340, AI932339, AI421285, AA233332, AA810722, F133364, AA043059, AA099817, F06571, H82160, M62189, W23152, N36230, AA87042, AA350625, H16823, R59794, R93388, AW204862, Z39554, AA639161, AI289443, AA224101, AI433218, AI872709, AI014937, AA592917, AA781575, AA705663, H45567, F10958, H91261, AA628728, AI281849, AA070256, AI267542, H45471, H22802, AI420466, AA296798, C04074, AW238960, R93389, N88473, AA906981, AA632381, AW182233, R95154, AA312474, F05926, M78191, AW118295, AA224100, AA545788, AA328674,

R61336, AW339384, F02174, AW130994, R54447, AA296745, R65900, N38906, AI001898, AI869861, AA364250, F04495, H23008, AA860440, AA350626, AA159104, R21376, AA389643, AA361411, T35030, R38373, H90353, AA704415, T16130, T24815, R65804, H82062, AA071429, AA666309, AA232913, AW148585, AI370241, AI804738, AA030001, N93735, C03812, AA730612, AI973018, AW380044, C02275, AA248408, AI497704, AA362217, AI758396, D19826, AW389505, N46480, AA365455, C03880, AA247342, W51749, R58318, AA974143, AI880838, AW382214, AL121270, AL120853, AL048656, AI567360, N80094, AI269862, AI349964, AI345416, AI345612, AI539153, AI572418, AL079963, AI539028, AI345415, AI340582, AI909696, AI049085, AI684234, AI251205, AI612759, AW020095, AL041772, AW074459, AI364788, AI045266, AW268122, AI500706, AL045500, AI828731, AA572758, AW023590, AW303074, AW304652, AI869367, AI284517, AI633419, AI042628, AW191003, AI433976, AI620284, AW268220, AI868831, AI921176, AI950664, AI334450, AI521012, AW238730, AA427700, AI308032, AI862144, AL119791, AI433157, AI539771, AI567351, AW103371, AI537677, AI349598, AI500659, AI696626, AI815232, AJ000334, D84273, U79254, AL117583, Y11587, A08916, AL133606, AL050024, AL133093, I89947, I48978, A08913, A08910, I89931, A08909, A93016, AL050277, AL122121, AF113694, U42766, AL122110, I49625, AL050116, AF113676, AF017437, AF113677, Y16645, AF097996, AL117457, U35846, AL122050, X84990, AL133565, AL122093, AL049452, AL133640, AL137648, X98834, AF113013, I48979, AF146568, AL080137, AL080124, AB019565, AF087943, U96683, AL110221, I26207, AF118064, AF090896, AL122123,
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	E07361, AF113699, AL133080, AF113691, AF078844, AF090943, AF118070, AL110196, S78214, X72889, E03348, AF113689, AL137550, Y11254, I42402, AR059958, AL133016, S68736, AJ000937, AL049430, AF125949, AL050146, AL050108, AL137527, AF017152, X65873, A03736, I03321, AL137557, AL133560, AF090901, X63574, AF113019, X82434, AL12049, AL137526, AL133568, AJ242859, AF090900, AL117435, AL080060, AL133557, E07108, AL133075, AF158248, AF079765, AF106862, AL080127, AF162270, AL049283, AL049464, AL137459, AL117585, AF090903, AF026124, U78525, AL133113, A65341, U00763, AL137271, AL049314, AF111851, AL117460, L31396, AL050393, L31397, U91329, AL049466, AF091084, AF090934, AL049382, AL137523, Z82022, AL050149, AF113690, E05822, A77033, A77035, I33392, E02349, AF183393, AL137538, AF125948, AL133077, AF177401, AL137521, AL049938, X70685, Y09972, AL096744, AL050138, AL137463, AJ238278, AL117394, A08912, A12297, AF061943, A58524, A58523, I09360, AR000496, U39656, L30117, AL122098, AL117440, X93495, AL137283, AL049300, AF067728, AF118094, AL133072, AL110225, U80742, X96540, U72620, AL080159, Y07905, AJ012755, AL137476, AF104032, AL133014, AR011880, U67958, AF153205, AR038969, AR038854, Z72491, Y14314, AF11112, AF119337, AL133067, E15569, AL050172, AL133098, AL133104, X87582, A90832, AF003737, AL137556, Z37987, S61953, A45787, AL080074, AL137560, A93350, AL122111, AF026816, E04233, I00734, E02221, L19437, M30514, U58996, E00617, E00717, E00778, U68387, AL117432, AF057300, AF057299, E08263, E08264, X62580, AL110197, AL122118, AL137273, AF185576, I17767, AF118090, AF079763, AF111849, E08631, AL137533, AJ006417, AF008439, X83508,
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			AF067790, AL137478, AF100931, AL117649, A07647, AL137480, U49908, AF132676, AF106827, AF061836, AR013797, E06743, U68233, I92592, AL133081, AF210052, X92070, AF061573, AF081197, AF126247, AL137292, AL080086, AL080158, AA159129
431	HTAHC93	867842	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2695 of SEQ ID NO:431, b is an integer of 15 to 2709, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:431, and where b is greater than or equal to a + 14.
432	HPCRL51	867923	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 725 of SEQ ID NO:432, b is an integer of 15 to 739, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:432, and where b is greater than or equal to a + 14.
433	HCRNJ44	868035	Preferably excluded from the present invention are one or more polynucleotides comprising a

		434	HFKM143	868135	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 839 of SEQ ID NO:433, b is an integer of 15 to 853, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:433, and where b is greater than or equal to a + 14.</p> <p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1084 of SEQ ID NO:434, b is an integer of 15 to 1098, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:434, and where b is greater than or equal to a + 14.</p>	<p>AI076939, AW131143, AI547316, AW084960, AA769108, AW166982, AI922723, AI859425, AI547315, AW190185, AW189314, AI687025, AW103994, AI885578, AW167989, AI971285, AW273318, AI634376, AW103531, AI815064, AI887599, AA613656, AW085668, AI284232, AW272535, AI580226, AI758714, AW102937, AW130895, AI744795, AA485335, AI077344, AI453759, AI660446, AA662083, AA485528, AI673587, AA932540, AI660299, AI680231, AI819676, AI347214, AA769762, AA099852, AW381802, AW381808, AA827002, AW394192, AA974186, AA635998, AI360433, AA515323, AA932698, AI631419, AI475522, AA576781, F20462, N88483, AI884333, AW372362, AI266687, T47132, R54786, AW130809, AI914926, AW085843, C01770, AW3922791, T58370, T47131, AA349222, AW173742, AW391615, AI284877, AA974427, AI537745, AW439296, AW392770, F37677, AA317949, T69376, AW050884, AI690506, AI612866, AI282235, AA485371, T58420, AA485492, R54976, AW392430, AA303595, D31427, AA582345, AA569064, AA299677, AA568373, AA349268, AW083669, AW087282, AW075780, AA099975, AW105580, AI915084, T69301, AA3335651, AA304122, AI874164, AW166667, AW381330, AA641428, AI814814, T74185, AI422498, AA662119, AI914688, AW364262, AW394256,</p>
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435	HMSFS13	868173	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1164 of SEQ ID NO:435, b is an integer of 15 to 1178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:435, and where b is greater than or equal to a + 14.
436	HCRQH59	868224	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 672 of SEQ ID NO:436, b is an integer of 15 to 686, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:436, and where b is greater than or equal to a + 14.
437	HHFJU87	868655	Preferably excluded from the

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2574 of SEQ ID NO:437, b is an integer of 15 to 2588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:437, and where b is greater than or equal to a + 14.	AI924719, AA316121, AA708610, AW084101, AI660874, W23031, AA316032, AW087171, AI491951, AA147574, AA044040, AA057458, AA258433, AA258473, AA099664, AI217722, H05694, AI217720, AA447181, AA665778, AA994652, AI401464, AA043987, AA323852, R23442, AA303874, AI206793, AA588294, D83890, AA460097, AA373101, AA603138, H08671, AA328895, AA653915, AW367071, AI439142, AI932561, AA343108, AA248906, AI783947, AA249549, AA249413, AA923343, AL137965, AW008330, AA091278, AI298571, W47605, AI306526, AI216520, AA442219, N56755
438	HFIAU59	869698	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3595 of SEQ ID NO:438, b is an integer of 15 to 3609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:438, and where b is greater than or equal to a + 14.	AI637846, AA887146, AI923869, AW130105, AI828950, AA706813, AI567142, AA496218, AA504266, AI796787, AL120830, AI768215, AI923290, AA307624, AW265423, AI432594, AA846683, AW023377, AI149750, AA830707, AI130755, AA831941, AI813474, AA310261, AA493149, AI352195, AI278643, AA418838, AA252591, AA449177, AI432141, AA099899, AW196997, AA748185, AI359815, AA476504, AI680167, AA989123, AI439476, AI740988, AA641927, AI743769, AA102103, AA307883, AI270331, AI660051, AA429154, AI371979, AA418927, AW316913, AA740707, AA811144, AA252204, AI120914, AI358187, AI088116, AA618550, AI005413, AA746019, AA744831, AA251764, AA765289, N22214, AI245654, AI288125, AI521023, AI440049, AI439066, AW020264, AA828338, AA745277, AI041495, AI453701, AA447164, AA428995, AA251920, N64152, AW023222, AI863738, R33968, AA835823, AA488982, AA489057, AA351905, AW021986, AW192667, AA579266, N68141, AA580976, AA830209, C02334, N68217, T39203, AA356883, AA369952, AI93552, AI915727, AA371504, AA443792, AA353796, W07214, T40474,

			Z20878, AA508477, AA115114, AA114981, AW197922, AI572933, AA379201, AW265622, Z75331, AJ002636, L08437
439	HBKDR59	870190	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2629 of SEQ ID NO:439, b is an integer of 15 to 2643, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:439, and where b is greater than or equal to a + 14.</p> <p>AW409651, AW001436, AI766185, F24711, F30562, F18895, F33224, F20809, AW290901, AA112814, F30649, F24516, F36239, F32390, F24189, W65464, F20910, F24946, F19577, F27754, AA393845, F21414, F35959, F24144, F19544, AA086252, F31787, F34043, AW136769, AA346256, F01249, AA194339, F34580, W65465, F18803, F24518, AI380655, AA112964, F32973, F24338, AA196236, F25919, AI520948, AW073292, F00875, F37952, AA706041, F223333, AA102288, F30139, F19529, AI873673, F32933, AI580424, F22119, AA176956, AA197011, AW196341, AW393804, AA213963, AA907940, AA179063, F23562, F17271, F34144, F18206, F35373, F32260, F17119, F20182, AA1197042, F17627, AA193202, AI984748, F33521, AW003263, F22260, F33351, AI656164, AA211514, F16602, F35945, AA211757, AA179234, F16358, AA112845, W42981, AI126989, W42982, AA179064, F33500, F31725, F36387, F27742, AA321749, F00003, AA178967, AI038202, F23383, AA321748, F31776, AI972778, AA196264, AI365102, AA194347, W21136, F27722, F28315, N93730, F00478, AA194398, H14052, M99223, M12898, M26064, X63009, J04703, X02814, X52496, U96781, Y18063, M25267, AF043106, X15635, J04024, J04022, J04023, AJ223584, AJ131821, M30581, U49394, U49393, AJ131870, X67140, U96780, M15158, U96779, M15351, AF091853, M20532</p> <p>AA2280720, AA505108, AA605272, AW269504, AA603315, AI635279, AA582073, AI962030, AA708103, AA584125, M77893, AI311276, AI254779, AA847499, AW148507, AI345891, T54600, AA687730, AA502843, AI821608, AA280427, AA811208,</p>
440	HTHCZ54	870349	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>

		<p>is any integer between 1 to 623 of SEQ ID NO:440, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:440, and where b is greater than or equal to a + 14.</p> <p>AA137013, AC004526, AC005879, AC002563,      AL022319, AC002352, AC007563, AC005072, Z83843,      AC007298, AC004386, AL031584, AP000036,      AC002432, AC004491, AL049539, Z84466, Y10196,      U85195, AC000353, AC006312, AE000658, AC002565,      AL035461, AC004002, Z82190, AL031767, Z83819,      AL121754, AL031666, Z83822, U95743, AC005726,      AL035684, AL096701, AC007314, AC008064,      AL050321, AC003950, AL049709, AL109984,      AC003957, Z93783, AC005209, AL133243, AL031058,      AC007387, AL132987, AL022345, AC005670,      AC005081, AL009172, AC007386, AC009044,      AC005859, AC003037, AC004963, Z84469, AC005829,      AC006360, AL117338, U95740, AC004554, AC002990,      AF001550, AC005197, AC004887, AL008732,      AL034419, AC005B08, AC005094, AL049780,      AC002416, AC007360, AF001548, Z93020, AL139054,      ,AC002302, AC007227, AP000501, AL031273,      AC007685, AC006601, AC011422, AC004087,      AC006960, AL031283, AF053356, AP000513,      AL049776, AC004098, U91321, AP000014, AC007226,      AC005082, AC002288, AC007684, AL050318,      AC003046, AL121652, AF196972, AC007842,      AC007637, AC004805, Z99127, AC003101, Z98949,      AC004132, AC007390, AC004032, AC005277,      AC002554, AC004216, AC012384, Z99716, AC002349,      AC005914, AC007216, AC006121, AC006116,      AC005823, AC005071, AB023048, AC008116,      AC008372, AF130343, AL049778, AC005048,      AC008115, AC000004, AL050350, AL049779,      AC006111, AC005015, AL022163, AL021528,      AL030996, Z97053, AL035071, AC002470, AC007172,      AC004890, AC004876, AF205588, AC003029,      AB020866, AL133448, AL031230, AC000025,      AC005920, AC002350, AC005933, AC004253,      AF015262, AC006317, AL031602, AC008125,</p>
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			AC006571, AC008009, AL031003, AL022237, AC003684, AL031681, AL035423, AC005972, AF064858, AP000208, AL024507, AP000557, Z97054, AJ229043, AJ010598, AL031848, AL031123, AC006958, Z94056, AP000099, AF109907, AC002400, AC007193, AC005304, AL136295, AC005484, AC005899, AC003003, AL049757, AL133246, AB023049, AP000553, AC004771, AP000011, Z84484, AC005342, AL031224, AC002418, AC002375, AL035555, AP000247, AC000118, M89651, Z81314, AC005004, AL022395, AL133355, AP000692, AC000035, AL022721, AC005837, AC005280, AC004953, AL050332, AC004659, AL022329, AC005031, AC004223, AC005325, AC005778, AL023913, AC006538, AC005088, AC007157, AC005095, AC005049, AL049650, AC004883, AL031297, AL031433, AC009516, AC007384, AC004552, AC004615, AP000130, AC004921, AC011311, U07562, AC002299, Z83844, AC005520, AC005771, ACC005102, U29895, AC006064, AC004518, AC004408	AW131725, AW051778, AI669187, AI423040, AW150328, AI264242, AW249495, AW190050, AW438903, AW338652, AI625770, AA411440, AW051369, AI954048, AI572603, AI884403, AA994684, AI870488, AI1816134, AI689595, AI590389, AW157537, AA147092, AW051768, AA865624, AI032419, AI688335, AI553828, AI452805, AA772163, AI758329, AA627389, AA700483, AI554272, AW250260, AI017045, AA557144, AI830027, AA670344, AA431551, AW369367, AW402702, AI936035, AI338886, AW129438, AA576444, AA724592, AA890524, AW369322, AW130853, AI149018, AA770195, AW190197, AI697373, AW369320, AA847288, AW369369, AA847245, AI038158, AA577609,
441	HWABV82	870419	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2581 of SEQ ID NO:441, b is an integer of 15 to 2595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:441, and where b is greater than or equal to a + 14.	

		AA601940, AW205121, AI141907, AI869702, AA731344, AI128741, AI288581, AA233156, AI366687, AI834242, AW363558, AW406637, AW001981, AI361102, AA857855, AI073592, AA622202, AI093763, AA594450, AW068510, AI538596, AL120386, AA159922, AI123208, AA854132, W48791, AA725251, AA233232, AW390347, AA687609, AI696346, AI858437, AI061262, AI810395, AA983511, AI190304, AA576990, AA722843, AI523184, AI369749, AL120506, AI344375, AW068772, AA977264, AA025994, AA693398, AA305354, AA431097, AI860056, AW058630, AA706704, AA159304, AA633069, AI052053, AW408599, N41444, AI357292, AA305432, AW369383, W81209, AA009433, AA554141, AW369334, AW369372, AW403131, AA226840, W49616, AI206517, AW402978, AI766707, AI354629, AI206804, AA233115, AW082751, D20039, R96149, AA781650, AI906402, AW369378, AA158005, AW176662, AA037067, AI471469, AI124071, AI128438, AW369363, AA243693, AA025935, AA470742, N99045, W38348, AW198136, AI244933, AA152400, AA251742, T63645, AA843429, AI198270, AW387283, AI014806, AA147149, AW387279, AI244494, H05246, AI909741, AA068995, AW363552, H63348, AA873311, AI909742, AA972595, AA723485, N69416, AI750309, AI831979, F11143, AI758210, AA953204, R14402, AA009432, AA130321, N69871, AA937997, AA676328, AW391004, AI834227, C75028, AI375745, AA318159, AA523040, AA359700, AA282110, AW176551, F02163, AI909763, AI221319, R55808, H63268, AW439092, AW376794, AW376722, AA648692, C17923, AW376787, AW376790, AW376808, D58666, H67217, AW376586, AW376634, AA526169, AW376602, AW376608, AW376670, AW376710, AW376766, AW376594, AW376648, AW376723, AW376797, AW376835, AW376556,
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442	HACAC44	870522

		AA631585, N7372, AW264693, AI708579, AA828168, AI253752, AA713617, AI241364, W88674, AA856622, AW339674, AI468454, AA761035, AI333948, AA608978, AA443223, AA121713, AI206558, AA602373, AI689903, AA315934, AA410202, AA885774, AW166954, AI354371, AA136561, AA609596, AI399856, AA644641, AA234716, AA961145, N95265, AA157306, AA769568, W30735, AW364445, T32410, AA076477, AW005205, AA749169, AA076366, AA866604, AI364350, AA443186, AI676079, AA477998, AW173591, N77197, AA610283, AA160755, AA486003, AA172058, AI498678, AI525518, AI469612, AA088329, AI091940, D53760, AA263044, AI274460, AI274131, N98217, AW401383, AA804255, AA364669, H24015, H47488, W99326, H67134, AW364443, AI688781, AI337543, Z25111, H81437, T32288, AA506289, R05982, AA291673, AI080264, AA932552, AI630479, AI864043, AI141097, AA169887, R49573, AI802015, AA129546, AA716523, AA235675, AA852685, T57818, A1554824, H72387, W99368, C04264, F00249, AW196727, AA322105, AA383944, AA830133, AA307781, AW015462, AA065104, C15726, AW236193, AA773340, AA236891, AA169574, AW007217, AI693662, AI383858, AI799525, AI459817, AA876959, AW273655, AA565893, AA064854, AI634280, H10400, AA665643, W04304, AA782912, AA076178, AA887175, AA352861, AA296629, AA887148, AI471562, AA367055, R81881, AW205111, AI630377, AA253256, AW392331, AA677481, D53759, AA342591, AA759048, AW243664, H10608, AI344490, AA626582, AI458916, AI630327, AW419306, AA088330, T16764, AA155839, AA922958, AW300747, AA281564, AF054174, AF058445, AF044286, AF041483, U79139, M99065, AF171080, AF123312, AF171081, T82377, AA0883755, AA112072, AA190752, AA913216, AA968487,
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443	HDTLE81	870896	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:443, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:443, and where b is greater than or equal to a + 14.	AA653986, AA477999, AA295283, AL133355 AA313716, N57369, AA295283, AL133355
444	HSWBU77	871071	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 381 of SEQ ID NO:444, b is an integer of 15 to 395, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:444, and where b is greater than or equal to a + 14.	AW401754, N51433, N52178, AI160836, AI150956, AI380317, AW005566, AI201735, M78012, AI636693, AI221560, AI189814, AI269161, AW404116, AI832378, AI783604, R71999, AI914007, AW275795, N80554, AI718609, AI1718645, T36255, AW001003, AI206919, F18021, AI141711, AA450045, AA922786, F30202, AI056913, AA707747, AI185990, AI627222, W19286, AA224759, AI863594, AI890468, AW189371, AI743409, AW169124, AA226254, AI049994, AI913167, AI095206, AI079447, AI025355, AI251360, AW148964, AA879022, AA425283, AW085751, AA352518, N98622, AA659190, AI084648, AA180815, AI557808, AI360368, AA399333, N99919, AI859618, AI114543, AI057560, AI267285, AA604323, AL047306, AI907506, AW168734, AI446424, AI445793, AI041375, AA769530, AI880770, AI086603, AI039440, AI433952, AI18921, AI754064, AI917658, N68677, AA167178, AW022704, AA513196, AA326398, AI754926, U95739, AC005081, AP000260, AC005829, AP00036, AC002316, AC005562, AP000099, AL049557, AL132985, AP000359, AC007225, AC007172, AL133243, AC004686, AC007425, AP000213,

	AP000135, AC005696, AP000031, Z83840, AL049539, AL022724, AF030453, AC005516, AL121934, AL031433, AC004448, AC005088, AC006120, AC003029, AL021878, AL022723, AC003663, Z97634, AF205588, AC004069, AC003101, AC007073, U47924, AC006511, AC006241, AL133448, AC007666, U91326, AC004797, AC005695, AF130247, AP000350, AC005412, AC002430, AC004099, AL109827, AC006353, AC005225, AC007384, AC003688, AC004019, AL008582, AC000052, AC006211, AL031681, AC005911, AF047825, AC002558, AC007917, AC010200, AP000553, Z82198, AL022326, AC002059, AC007221, AC004520, Z82206, AP000547, AL035454, US2112, AL021918, AC004883, AC002394, L44140, AL031651, AF196779, AC005279, AC002997, AL079305, AC005037, AC006449, U91327, AC005372, AC003010, Z82244, U66059, AF184110, AC005684, AC004685, AC003109, AL022318, AC007292, AL022327, AF207550, AC007277, AP000208, AP000130, AL049553, AL117340, AC006112, AL021707, AL035420, Z83844, AP000247, AL121915, AL135879, AL121790, AL031721, AC006023, AL031281, AL034379, AC007012, AL132642, AL035398, AC005480, AL050321, AL049757, AC005790, AC005018, AC004804, AF057140, AC008040, AL096701, AC004884, AC004213, AC004859, AC002472, AC007676, AC006057, AL132712, Z82208, AC006597, AC004231, AL035411, AC007055, Z93931, AC007686, AC005899, AC006059, AC004752, AL034548, U73647, AC007157, Z98304, AC007993, AL032821, L48038, AC004148, AC002289, AC005180, AC007298, AC004659, AC002996, AC005206, AC003950, AC005212, AC007878, AC020663, U91323, AC007371, AF124523, AP000689, AL020997, AC002565, AL021391, AC004908, AC006064, AL031311, AP000503, AC007021,
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			AC006441, AC007537, AC005365, AC005215, D84394, AC002504, U63630, AL031775, AL023584, AC005358, AF111168, AC006111, AR036572, U91328, AL035407, AC004B37, AC012085, AC005667, AB003151, AF134726, AL031767, AL035455	AI913998, AA128064, AA4480228, AW440835, AI336571, AW99768, AI906358, AI906367, AA326115, W68756, AI207161, AL048182, AA552921, AA932082, AA622156, AF080158, AR067807, AF031416, AF088910, AF026524, AF115282
445	HWACJ61	871225	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1544 of SEQ ID NO:445, b is an integer of 15 to 1558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:445, and where b is greater than or equal to a + 14.	AA701667, AI435854, AA811453, AI268375, AA741050, N68502, AA748037, AI809498, N40363, AA731507, AI806279, AF150208, AI082190, AI244194, AA946684, AA825325, AA946679, AW292592, AI832023, AA608679, AA287961, AW117937, AA280917, W44635, AA743100, AA911245, AW151588, AA286954, T75259, AI952240, AA977013, C14333, AI762840, AI370846, R88105, AA441979, AW376287, N48804, AI458457, AW241912, W44586, D81095, AA506419, C14239, N27548, AA878217, AI735679, AA767790, AA721375, AA995689, R97283, F13495, AA470494, AI799114, AA057788, AI41709, AA904355, AI128599, AI557555, D59635, AA047606, AI218107, AA527592, F10488, AA364204, D80152, H54332, AI760595, AI074719, AW080845, H54122, AI694001, AI718622, N87996, H21903, AI382742, N45595, H45479, AW019947, AA743131, T93311, AA807044, AA492324, AA729134, D80364, AA005207, D59993, AI832370, AW302371, H65224, AI423823,
446	HKLSC04	871428	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3071 of SEQ ID NO:446, b is an integer of 15 to 3085, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:446, and where b is greater than or equal to a + 14.	AA701667, AI435854, AA811453, AI268375, AA741050, N68502, AA748037, AI809498, N40363, AA731507, AI806279, AF150208, AI082190, AI244194, AA946684, AA825325, AA946679, AW292592, AI832023, AA608679, AA287961, AW117937, AA280917, W44635, AA743100, AA911245, AW151588, AA286954, T75259, AI952240, AA977013, C14333, AI762840, AI370846, R88105, AA441979, AW376287, N48804, AI458457, AW241912, W44586, D81095, AA506419, C14239, N27548, AA878217, AI735679, AA767790, AA721375, AA995689, R97283, F13495, AA470494, AI799114, AA057788, AI41709, AA904355, AI128599, AI557555, D59635, AA047606, AI218107, AA527592, F10488, AA364204, D80152, H54332, AI760595, AI074719, AW080845, H54122, AI694001, AI718622, N87996, H21903, AI382742, N45595, H45479, AW019947, AA743131, T93311, AA807044, AA492324, AA729134, D80364, AA005207, D59993, AI832370, AW302371, H65224, AI423823,

			AA908689, AI719952, C02342, AA923093, T93988, AA005208, N22641, AA688340, C14240, AA470961, R97047, AW183246, D80151, AA587961, AA688339, D81228, AA156735, AA625352, H21782, AI909028, H45478, AI610412, AW295861, AA045905, AW193243, T63765, H21691, AA490197, AW237053, I95754, AA629148	AA614743, AA315930, AW327829, AW327869, AA838465, AA028992, AI028728, AW014945, AI619612, AA182764, AI675491, AA927929, AA030010, AA368382, AA993714, AA236575, AA234605, AA448866, AA460089, AW014951, AA430225, AF151908	AA435382, AI149854, AA47434, AA410696, AA130455, AA669118, AI954884, AA776480, AI220980, AA281474, AA182634, AW410911, AW410948, AI127902, AW410464, AI922064, AI866551, N29646, AA919157, AA058503, AA135645, R01159, AA991193, R10880, AI095663, AI147358, AA886215, AI130958, AA622039, AA593877, AI199828, AA534396, AI075283, AI138468, AA632319, AI129513, AA516111, AI636835, AA101571, AA574071, AA532871, R08363, W81083, R05769, AA190784, H95250, W80980, AA608850, R10929, AA151035, AI219126, AA235490, H95261, AI247268, AA490668, AA054462, AA487878, AI142364, AF038957, AF068117, AF047695, U01137, AF068116	AI188092, AI743960, AW019908, AI743675, AI554932, AW130209, AI400570, AI873626,
447	HCRPM84	871498	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1903 of SEQ ID NO:447, b is an integer of 15 to 1917, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:447, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 932 of SEQ ID NO:448, b is an integer of 15 to 946, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:448, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 932 of SEQ ID NO:448, b is an integer of 15 to 946, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:448, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more
448	HLHGG41	871732				
449	HWLHNH36	871756				

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1176 of SEQ ID NO:449, b is an integer of 15 to 1190, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:449, and where b is greater than or equal to a + 14.	AI635163, AA630087, AA773835, AI745307, AI681992, AI769214, AI452846, N26651, AI942419, AA931054, AW020889, AA330667, AA199908, AI080379, N50936, AW051252, AA774703, AA371288, T55202, C18915, AI183818, R23104, AW029363, C16828, R63546, R63500, C18924, D78829, AW023362, H422585, H52313, N79874, AIS60593, AI445518, AA773693, R58570, AI873772, AC006501
450	HKAAC09	871821	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 901 of SEQ ID NO:450, b is an integer of 15 to 915, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:450, and where b is greater than or equal to a + 14.	AI347928, AW162145, AI826327, AA716088, AI184237, AI221566, AI380301, AW162264, AI827001, AI738731, AI1214206, AA778211, AA906997, AA309127, AW250315, AA662918, AA948191, AA132478, AA205866, AI291182, W58281, AW247709, AI879612, AI369761, W58282, AI493532, AW271688, AA215359, AA219692, AA113943, AW247263, AI357687, AA486007, AA026482, AA216703, AA223598, AA132567, AI936143, AA227341, AA181792, AI457253, AA206169, AI203342, AI206171, AA862491, AA459453, AA223374, AW160761, H83366, AA223240, AI541341, R27894, AW160535, AA088771, AW248039, AW370950, AA216698, AW370982, AA642560, AA034208, AA216670, AI918853, AA218599, AW403164, R27802, AI695455, AA121619, AA101550, AA196719, AA205783, AI879230, W21295, AA220914, H83713, AI200082, AI834288, AA554247, AA223124, AA205631, AI583365, AA026321, U64033, AC008055
451	HJHAR50	872327	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1848 of SEQ ID NO:451, b is an integer of	AW263849, AI302362, AI750848, W63796, AA378447, T79005, AA310337, AA304273, AA152264, AI146404, AA056005, AA359249, AI659163, N46657, AI671309, H87391, AA358696, AF146793

		15 to 1862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:451, and where b is greater than or equal to a + 14.	
452	HSKJB43	872354	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:452, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:452, and where b is greater than or equal to a + 14.
453	HNSMB24	872535	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2092 of SEQ ID NO:453, b is an integer of 15 to 2106, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:453, and where b is greater than or equal to a + 14.

	AL043105, AA579130, AI345695, AA572813, AA127222, AI080307, AA601278, AA772906, AI380617, AI696955, AA773463, AA177011, AI755202, AW237905, AI612142, AI627614, AI160786, AI066646, AL119691, AI452836, AA601356, AI350211, AI923458, AL037714, AA493708, W96522, AI053784, AA737309, AI078409, AA720774, AI613280, AI279417, AA772704, AI683513, AR58404, AC005225, AL035450, AC002558, AC006480, AC004883, AC005081, AC003071, AL035587, AL031311, AL049758, AC002492, AC005409, Z86090, AC002504, AL022165, AF113694, AC005088, AL109967, AC005953, AC006115, AL121603, AC004383, AC007011, AL022319, AC005519, AL035420, AF124523, AP00045, AC007225, AC005015, AC003689, Z82206, L44140, AC005231, AC007055, AC005962, AC00562, AP000557, L78810, AL049694, AC007216, AC004673, AL035405, AL050318, AF134726, AC016830, AC007172, AC006441, Z83844, AC005520, AL031680, Z93017, AC004797, AC006088, AP030453, AL080317, AC007277, AC005726, AL078638, AC005243, AL035460, AC006965, AL049749, AL022315, AP000144, AC005500, U91319, AC005295, AC005399, AC006141, AC005291, AC007191, AP000952, AL096678, AC005668, AP000208, AL049757, AC005527, Z98884, AC005670, Z84466, AC005514, AL021155, AC007298, AC005821, AC007637, AC006530, AL133216, AP000247, AC007193, AC006449, Z83733, AC004686, AC005740, AC007731, AF001548, AC007546, AC004125, AC006287, AC004996, AC005102, AL031228, AC007536, AC005207, AC005696, AC004079, AJ003147, X87344, AC004859, AC005971, AC003070, AL049843, AF042090, AC005940, AC002326, Z98745, U96629, AF196779, AC006077, AP000152, AR036572,
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		AC006285, U51244, AC006511, AC004821, AL049636, AF045555, AP000503, AC000025, AC006121, AC012384, AC007676, AL020993, AC002310, AC004987, AC002456, AC007774, Z98304, AL033527, AC002350, AC002551, AC002073, AC006111, AP000113, U91325, U62317, AL022318, AC007283, AL133448, AC004834, AL031283, AC006023, Z97054, L47234, AL022476, AL021453, Z99128, AL021393, AC005663, AL020997, AL133163, AC004551, AC006211, AC004655, AL022723, AC004815, U80017, AC004491, AL031729, AC005060, AC006942, AP000065, AL035659, AF118808, AC004019, AC007686, X55448, AC008372, AL009031, AL035697, AC005529, AC004832, AC006139, AC006241, Z68870, AC003690, Z99297, AL022238, AF146367, AL078593, AC004878, AC005048, AC008041, AC005736, AC006328, Z98742, AL049830, AF205588, AL035249, AC003029, AL031281, AL117329, AC000385, AP000547, AC005330, AC000111, AP000240, AC006501, AC005031, AC002369, AL021918, AP00130, AL035407, AC005089, AC006059, AL121820, AC003950, AC004408, AC008115, Z951115, AC002302, AC006430, AC007993, AC004975, AL109798, AP000338, AF091512, AC006117, AP000347, AP000193, AC005695, AC005332, AL049643, AC002059, AL049869, AF031078, AC004905, AC016025, AL122020, AL031846, AP000216, AL021391, AF148461, AL109627, AC005778, AL031295, AC004227, AC005175, AF053356	AI949422, AI423046, N31952, AA465612, AI564487, AW195192, R88931, AA658285, AI740792, AA641596, AA313322, AW418507, AI949987, AW194161, AI869038, AW274192, AW301409, AW071349, AL038605, AW303152, AL121365, AI702406, AW243485, AL040243, AL135661, AI868831, AI608667, AI687728, AW162071, AI440239,
454	HAJAN23	872551 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2274 of SEQ ID NO:454, b is an integer of	

	<p>15 to 2288, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:454, and where b is greater than or equal to a + 14.</p>	AI433157, AI440426, AL119748, AL036146, AL047763, AI047042, AL046849, AI349772, AI340582, AI857296, AI818683, AI433976, AL121270, AI349645, AW071417, AI635461, AL045500, AI436456, AI863014, AI475371, AI500077, AI538716, AI064830, AI567351, AW074993, AI521012, AW268253, AI312152, AW117882, R89611, AI349937, AI281779, AL036980, AI469532, AW089572, AI697137, AI815383, AW103371, AI349004, AI250293, AI036802, AI568870, AI564719, AI934036, AI679724, AI540832, AL036396, AI866608, AI345735, AI349933, AI873731, AI625079, AI580190, AI207510, AL119791, AL119049, AI249257, AI282655, AI690751, AW169653, AI343112, AI673256, AI349256, AI687376, AI499393, AL040169, AI686926, AI251485, AI699857, AW238730, AI597918, AI445432, AI439745, AW195957, AI499131, AI439087, AI920968, AI678302, AI275175, AI633419, AI446606, AI285735, AI802542, AI497733, AI631107, AI889203, AW068845, AI590128, AI758437, AI969601, AL120854, AI610307, AI609592, AI583316, AI500553, AW104724, AW148320, AI620284, AI866780, AI687415, AI609580, AI636456, AI919058, AA640779, AI121463, AA613907, AL036759, AL120736, AI690835, AI635942, AI568854, AI567632, AI597750, AI696398, AA572758, AI906328, AI366549, AI671679, AI800453, AW166645, AI498579, AW080838, AI753683, AI349614, AI696846, AL038778, AL036240, AI348897, AI224992, AI281773, AI680113, AI874109, AI613017, AI349598, AI952114, AA585422, AI800433, AI340519, AI969567, AI702433, AI907070, AI475134, AL036274, AI539771, AI811863,
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AW235035, AI889839, AI800411, AI687362, AI921379, AI307466, AI366991, AI612913, AI49463, AW301300, AI434281, AL038779, AI345131, AI862142, AI866002, AW167776, AA508692, AI568855, AI047041, AL036260, AI270055, AW302965, AI445025, AI628205, AW074869, AI334902, AI818206, AW026882, AI269696, AI813914, AW132121, AI909666, AL043326, AI492540, AW087445, AI909662, AI561254, AI536685, AL036247, AI866887, AI610645, AI345744, AI271786, AL048871, AI799305, AI343059, AI500659, AL044207, AI349226, AI687375, AI682841, AW183130, AI569616, AI687127, AI471712, AI811353, AI620868, AI619502, AW166970, AW075351, AI859733, AI121014, AI309401, AI345860, AI907061, AI493248, AI624859, AI312542, AI274541, AI149592, AI281762, AI862144, AI580984, AI119828, AL079298, I48979, AF090900, AL110221, AI117460, AL049452, AF113694, Y11587, AF090901, AF090903, AL133016, AP113013, AF078844, AF113690, AJ242859, AF090943, AF125949, I89947, AF113691, AF090934, AL133640, S78214, L31396, L31397, AF118070, AL050393, AF104032, AL133606, AL080060, AL110196, A93016, AL050146, AF118064, S68736, AL117457, AF113676, AL137527, AL049938, AR059958, AL050149, AL133075, AF113689, AL050116, U42766, X84990, AL122093, AF106862, I89931, A08916, AF09096, AL050108, AL122050, AB019565, AF113677, AL133557, A08913, AL049466, AL049314, AF113019, AL096744, AF017152, AL080124, AL137283, AL133093, AL133080, AJ000937, I48978, AL080137, E03348, AL050277, AF158248, Y16645, AL137459, AF113699, AF111851, AR011880, AL137557, AL122121, AL133565, AF125948, Y11254, X63574,
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		<p>AL049430, A65341, AL122123, AF097996, E07361,  AF146568, AF091084, U91329, AF177401, AL117394,  AL050138, X82434, AL110225, AF079765, AL133560,  AF017437, AL117435, U00763, AL137550, I49625,  AL117583, Z82022, AJ238278, AL049464, AL117585,  AL049382, E02349, E07108, S61953, AL050024,  A08910, A77033, A77035, AL049300, AL122110,  X72889, AL137271, A58524, A58523, X70685,  A08912, I33392, A03736, AF118094, AF067728,  AL122098, AF183393, E05822, A08909, AL133113,  AL137538, AL049283, A12297, AF061943, AL137648,  X96540, AL137463, I03321, U80742, X65873,  AL137533, AC006371, AL137521, X98834, X93495,  AF091512, AL137523, U35846, AC007390, AF087943,  AL110197, U72620, AL080159, AL080127, I09360,  AC002467, AC004690, AL096776, AF111112, U67958,  L13297, AC006336, Y09972, AL137476, I42402,  A93350, I26207, AR013797, Z37987, AL133568,  AL137560, AF119337, AL133104, I00734, AF026816,  E08263, E08264, I66342, E00617, E00717, E00778,  AJ012755, AF153205, AL133098, AC004093, E15569,  I17767, AF026124, AF000145, AL133072, AR000496,  U39656, M30514, AL078630, AL122049, AC007172,  A07647, AC006840, AL122111, AF057300, AF057299,  AF061981, AL050172, AF079763, X83508, AL035067,  AL133077, AL133014, AF032666, A08911, AL110280,  AL137526, Z72491, AF210052, Y14314, AF003737,  AF106827, U01145, U68233, I92592, AF100931,  AC004686, AC007392</p> <p>AA121934, AA476680, R60365, H08097, AW205892,  AL045556, AA113836, N41973, AA446797, AA084463,  AA322549, A1557287, AA290797, AI890579,  AI433416, A1338673, AI693897, AW271519,  AW168746, A1810132, AI126277, AW183977,  AA609171, A1275470, AI801082, AI332730,  AA115640, AI082040, AI123654, N33256, AA725714,</p>
455	HWBAP55	<p>872640 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2347 of SEQ ID NO:455, b is an integer of</p>

			15 to 2361, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:455, and where b is greater than or equal to a + 14.	AA432112, AW302562, AA868849, AI439363, AI143642, W56777, AA921899, AI978704, AI806769, AB011118
456	HE2J026	872655	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 943 of SEQ ID NO:456, b is an integer of 15 to 957, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:456, and where b is greater than or equal to a + 14.	AA774247, AA854167, AI805560, AI809094, AI435792, R32283, AI805377, AA424984, AI201302, AA496005, AI272119, AI689410, AI087276, AI432665, AA808128, AI217149, AI432925, AA886713, R32295, W90075, R67703, H43148, W90193, AW241343, R53752, AA582409, H42383, AA001927, AI698619, AA846430, AA358327, AA307239, R53753, R66100, AA743679, R32338, R32329, AA358326, AI400677, AI289490, AI061323, AF055470
457	HEGAK44	872802	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 909 of SEQ ID NO:457, b is an integer of 15 to 923, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:457, and where b is greater than or equal to a + 14.	AI290719, AI291944, AA805765, AA805772, AI041370, AA641820, AA443285, AI094486, AW016500, AI824161, AI800755, R77005, AI804547, AA831888, AA351612, R90900, AI868814, N67801, AI025758, AA385970, AA725760, N20006, AA587003, AA321819, AA336510, AA743304, AA782472, AA709276, H28173, AF091088
458	HOGCK09	872852	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3044 of SEQ ID NO:458, b is an integer of	AA628971, AA583342, AI819853, W72055, AI887350, AW069598, AA928346, AI669446, AW264574, AI245982, AA828393, AW305033, N57490, AI276045, AI399953, AI478692, AW130656, AW131233, AA204669, AA167004, AW131635, AW268530, AA253240, AA169501, W76249, AI201294, AA236320, AW276504, N68244, AA653293, W05834, AI082346,

		<p>15 to 3058, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:458, and where b is greater than or equal to a + 14.</p> <p>AW270411, AA491296, AI431699, AW196819, AI752836, AA171704, AA890295, AI081318, AA909042, AI061332, AI336386, AI373431, AI262352, AA683296, AI253535, AA248297, AI831015, AW243718, AI753129, AI128087, AI584003, AA559882, AA846151, AI969795, AW316619, AI369009, AI379246, AI942247, AI302629, AW156938, AI348676, AW023413, AI082427, AA171628, AI769759, AW073259, AI400534, D29081, AW130662, AA525386, AA722978, AI246205, D60770, AA961110, AI823883, AA287414, D59894, R77605, AI433493, AA720906, AA463439, AA463506, F11830, AI253623, AI971866, N77877, T65506, AW192204, R46595, AA397433, R57190, AI924613, AA989368, Z36865, D61228, AA814299, R24070, T65426, T08496, T15472, AA293843, C13978, AI265964, H43755, AW020937, D54040, AA385423, AW364171, AI749288, AA130042, AA855107, AA287499, AA327416, R21704, R24122, AI378942, N47636, AA333318, D56344, AA328903, AW380839, C15578, AA482163, AW380800, AA362809, T16609, AA463555, F09478, AA743313, AA402444, AA834097, AA361203, AA485208, AA650077, AA655884, R77606, AA720957, AW362795</p>	<p>AA860263, AA480299, AW069296, AA446324, AA599825, AA490172, AW029524, AI755125, AI096788, AI754766, AW172689, AI989623, AW069409, AA774030, AI801341, AI955553, AI860571, AI077912, AW338077, AI092361, AI752441, AW303759, AW057654, AW068877, AI571507, AW337248, AI754375, AA513007, AI755165, AA789057, AW188962, AW438741, AI913204, AI669869, AI829344, AI829353, AI935898, AA872952, AI818582, AW022751, AI951160, AA564681, AI567732, AI634884, AW019909, AI583178, AI971623, AA666136,</p>
459	HE9FH03	873299	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 541 of SEQ ID NO:459, b is an integer of 15 to 555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:459, and where b is greater than or equal to a + 14.</p>

		AI336224, AI754743, AI672201, AI92779, AA476933, AW242277, AW069175, AI801453, AA603177, AW069076, AI754113, N25584, AI754595, AI039514, AI569955, AW151621, AA59432, AA594421, AI801456, AI096348, AI376912, AI754485, N34795, AA679349, AI801410, AA599388, AA664468, AI473965, AA621677, AI457138, AI955867, N32845, AI814833, AA506630, AI953919, AI141442, AW190939, AI753632, AA704076, AI590418, AI435232, AI755189, AI814177, AA714292, AL049060, AA398214, AI623906, AI832542, AW192381, AI074234, AW192094, AI619763, AA847448, AI192629, N64585, AW338294, AI752700, AW190031, AI559274, AI991757, AI285575, AI803951, AI097511, AI185074, AI123099, AA604642, AI969429, AA948022, AI963435, AW073859, AI753481, AI871823, AI983991, AW339033, AW192846, AW068758, AI270294, AW339130, AA668164, AI753501, AW104448, AW069261, AI582548, N67440, AA704000, AA664477, AI862345, AA872884, AW023155, AI753881, AI921202, AI755233, N94497, AI889738, AA599518, AA668157, AI584068, W95877, AA599853, AI636393, AI677637, AA399230, AW173316, AI452935, AW020043, AW069257, AW007272, AI920883, AI634960, AW043675, AI683926, AI924122, AI042248, AI520725, AI610692, AA670236, AI440182, AA669986, AI521379, AA916597, AI360651, AA788939, N68121, AA928581, N67595, AA600706, AW020009, AI45464, AI453496, AA780838, N67969, AW242188, N68023, AW020134, AW074680, AI752771, AI989430, N22402, AI961649, AI128916, AW337180, AI263257, AI955544, AI052531, AW339166, AI755130, AI224941, N75546, AW020772, AW022916, AI266565, AW022830, AW020673, AI537166, AI983633, AI752211, N67468,
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460	HwlUJ05	873633	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 598 of SEQ ID NO:460, b is an integer of 15 to 612, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:460, and where b is greater than or equal to a + 14.</p>

	AA057817, AI912857, AI859976, AI458828, AI691018, AA599274, AI890065, AI796644, AI890735, AI686840, AA551342, AI951747, AW084001, AI858349, AI560824, AA838583, AI581152, AI188171, AI913206, AI687445, AW150081, AW130915, AA809140, AI982735, AW405990, AI697444, AA641674, AA857361, AW057682, AA523302, AI564744, AI188309, AA552651, AI002778, AI439273, AA075527, AW262628, AI041364, AI984754, AA593772, AI880734, AI801310, AA478393, AW197053, AA496892, AA205936, AA875856, AA829548, AI862708, AI610626, AW304424, AA488394, AA593776, AA595662, N63814, AA630736, AW242199, AA167275, AI683240, AW246774, AA603306, AA670036, AA548223, AA644580, AA614601, AI754745, AI1332307, AA968683, AI690396, AI570953, AW191952, AA635552, AI001146, AA837949, AI357220, AA532757, AA600788, AA532721, AA8888941, AA618618, AA877939, AI951447, AW104844, AI499096, AI805754, AI433212, AI284439, AA947024, AA583292, AA857081, AA737888, AA757823, AI283356, AI249815, AA523205, AA844175, AI697182, AA913217, AI246540, AA312021, AI349406, AW071038, AW169611, AI612766, AI811681, AA968644, AA523109, AI59756, AA888951, AI568242, AI041664, AW103978, AI027402, AI1708239, AA6333557, AA845878, AA527229, AI284482, AA640760, AI439316, AA745099, AA586990, AA730739, AI034320, AA936022, AA987723, AI284666, AI720193, AI521326, AA578404, AW1392019, F31225, AA149625, AA484052, AA858334, AA490171, AI440194, AI963513, F26002, AA807874, AA847300, AA947207, AI126555, AA827579, AI889188, AW236351, AA846067,
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				AA912479, AW191010, AA652089, M24194, Z33879, I21243, U03390, AJ132860, X75313, D29802, AF146043, M24193, AF025331, AF025330, A95274, A95300, I21248, I21247
461	HCEVSS38	874164	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 868 of SEQ ID NO:461, b is an integer of 15 to 882, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:461, and where b is greater than or equal to a + 14.	AA2255699, AI885808, AI188633, AW328314, AW361971, N40134, N42726, AA477809, AA865298, R67144, AA477088, AI192291, AA459424, AA434314, R80171, AA325547, AA405552, W04243, W57649, R07949, T63684, AI342717, H53212, AI955648, AA333808, AI828658, H23811, R22603, R81080, H38711, R78822, AW388174, AI884866, R74240, W85786, N32512, AA019982, N70297, T73669, AA135915, AI972675, AI570547, AI376181, AI283034, AW071718, AA975286, AI682097, AA552354, AI635434, T63360, AI498906, AA299231, AA700300, AW391439, N30364, AI291732, T95979, W79750, AA856989, AW409874, AA669858, AA491397, AA121478, AA019983, AA526398, AI278688, AA853328, AA262661, AW081274, AA722169, AA612637, AI089602, AW167516, R10676, AI208807, AA127610, T60656, H43071, AI016224, AW388175, AA156738, AA781277, AA985104, AW176072, AA122365, C00225, AA219271, AW072145, AI350490, AA595140, AA953943, AI275069, T95882, AA127513, H41247, H53105, R79317, N41696, AA579789, AA534037, AA375841, AA375981, AA375728, W81403, AW050895, R10677, AW083486, AA046378, AA854623, AI566541, AA568371, AA806824, AA838699, AI222557, AI890778, N47040, AA887642, AI969502, AA825983, AA683113, R07892, AW162991, AI085137, AI147153, R69860, AW300924, AI205997, R22604, AI349315, R66410, AI125503, AA654109, AI287633, AA368313, AW166548, AA476410, AA405561, AI871845, AI014775, AI446652, AI825000, AI567841, AA568550, AA612880, AA461116, AW196156, AR029284

462	HE2BS79	874307	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 719 of SEQ ID NO:462, b is an integer of 15 to 733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:462, and where b is greater than or equal to a + 14.	R77879, AA127382, AI810767, AI127392, AA127383, AI920982, AW080096, AI692923, AI243446, AI277951, R24113, AW014036, AA992633, H17260, AI431625, C14594
463	HMMMB5	874308 4	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 560 of SEQ ID NO:463, b is an integer of 15 to 574, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:463, and where b is greater than or equal to a + 14.	AA010644, F37343, F27442, AA643008, AA011253, AC005006
464	HKABZ52	874309	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:464, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:464, and where b is greater than or equal to a + 14.	C04051, AA315759, T80089, T16830, R14772, AW247403

465	HCROJ11	874310	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 246 of SEQ ID NO:465, $b$ is an integer of 15 to 260, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:465, and where $b$ is greater than or equal to $a + 14$ .	AF088219, AI049734
466	HWLJP34	874320	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 837 of SEQ ID NO:466, $b$ is an integer of 15 to 851, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:466, and where $b$ is greater than or equal to $a + 14$ .	AI831851, AW084544, AI347175, AI832159, AW083513, AW070385, AI675951, AI660499, AI269488, AI393273, AI739586, AI935546, AI431662, AI376466, AI335932, AI375749, AI080243, AI738791, AI379561, AI242668
467	HSYDL64	874325	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 489 of SEQ ID NO:467, $b$ is an integer of 15 to 503, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:467, and where $b$ is greater than or equal to $a + 14$ .	T87033, T82118, T27177

468	HCE1G78	874327	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1891 of SEQ ID NO:468, b is an integer of 15 to 1905, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:468, and where b is greater than or equal to a + 14.	AW025289, AI935720, AA724676, AW385203, AW243018, R15390, AW014134, AA074234, R18788, H14886, AA772066, F35935, R42130, R40003, AI628487, R13943, AI540418, AI804744, AL036574, AI675744, R88613, U45975, AB032551, AC005005
469	HSOBR31	874328	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 761 of SEQ ID NO:469, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:469, and where b is greater than or equal to a + 14.	AI123547, AI638611, AI332314, AI017607, AI017515, AA747554, AI123545, AA307434, W95888, N58932, AA236947, AW294479, AA188663, AW006657, AI611168, AA235883, AA907755, H49637, T86615, AI148842, W95762, H49724, T86614
470	HLLCC54	874329	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1283 of SEQ ID NO:470, b is an integer of 15 to 1297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:470, and where b is greater than or equal to a + 14.	AI150905, AI469110, AW136470, AA228032, N63445, AW439443, AI041883, N94705, AI352190, AA621449, AA927332, Z19412, AA947780, AA939129, AI572412, R38500, AA228031, AI768828

471	HE2L076	874330	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2141 of SEQ ID NO:471, b is an integer of 15 to 2155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:471, and where b is greater than or equal to a + 14.	W56900, AA455511, AA827684, AA425850, AI292237, AI281884, AA496282, AA428403, N51765, AI472841, H61767, AI749054, AA634168, AA848045, AA772970, AA913803, W16849, R76331, H61768, R81746, R76660, AL047616, N46084, N46082, R81503, AI000803, R25755, AA366510, AA455510, R33471, R26595, R34005, AW273661, AA428757
472	HTTIU53	874345	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 445 of SEQ ID NO:472, b is an integer of 15 to 459, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:472, and where b is greater than or equal to a + 14.	AD000812, AC002126
473	HUFDS37	874348	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 696 of SEQ ID NO:473, b is an integer of 15 to 710, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:473, and where b is greater than or equal to a + 14.	AI024732, AI863537, Z43401, F06518, F08484, F05301, R25827, AL117352

474	HWMA78	874349	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:474, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:474, and where b is greater than or equal to a + 14.	<p>AW387843, AW387920, AI669065, AI660442, AW374954, AA179299, AA581989, AW245487, AA552295, AI290916, AA970439, AA858166, AW083567, AW081312, AA143765, AA586357, AW338329, AA826707, AI673628, AW390836, AA159525, AA552252, AW272530, AI934326, AW204476, AW273045, AI934314, AI917599, AA160684, AA897788, AW084264, AI475168, AW392046, AI744458, AA308296, AA492562, AI560238, AI687723, AI347276, AI673701, AW387832, AI912950, AA179443, AA148152, AW178987, AA133671, AW178997, AI739260, AI916157, AA524518, AA327165, AA367214, AA576490, AA359392, AC004030</p>
475	HWADK27	874350	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:475, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:475, and where b is greater than or equal to a + 14.	AW027126
476	HCRNT71	874352	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 933 of SEQ ID NO:476, b is an integer of 15 to 947, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	<p>AA745496, AI640497, AI185795, AA679299, AI630992, AW135438, AW119128, AW268573, AI694863, AA701937, AA693960, W69674, AI076392, AI302761, AA935859, AI300728, AI174503, AA773315, W69675, AA825764, AA226398, AI913505, AA226369, AF086281</p>

			NO:476, and where b is greater than or equal to a + 14.	AI752650, AI045836, AA853580, AI752804, AI752290, AB033025
477	HCRQA24	874358	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 571 of SEQ ID NO:477, b is an integer of 15 to 585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:477, and where b is greater than or equal to a + 14.	AI651354, AA902668, AI671714, AI660263, AI923736, AI870997, AW055188, AI597791, AI419305, AI218884, AI1812004, AI184621, AI263003, AW003997, AI582873, AA398589, AI743685, AI554480, AW243444, AI650709, AI912913, AA889757, AI928338, AI016518, AI655858, AI890865, AA918563, AI479208, AW015252, AA142871, AI141504, AI439628, AW298282, AA487589, AW296920, AI348039, AI969568, AI972448, AA393378, AA488716, AI872319, AA947851, AI761843, AI018140, AI753277, AW105130, AA605233, AI656631, AI674516, AA219259, AI268912, AI218821, AA312548, AA977505, AI433319, AI750774, AA773622, N22561, N33173, AA603793, AA278683, AW020869, AI275720, AA136124, AI963022, AI219997, AA467959, AA075843, AI824937, N62723, AI240869, AA074204, AI004064, AI949016, AI609616, N27201, AA181922, AA921793, AW339771, AW079273, AA909437, AA136220, AL037622, H10307, AI750775, AA283030, AW298678, AI336597, AA219334, AI262736, AA467821, AI675214, N94333,
478	HUVCM45	874362	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3456 of SEQ ID NO:478, b is an integer of 15 to 3470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:478, and where b is greater than or equal to a + 14.	

		<p>AI962689, AA304910, AI923106, H10308, AI923101,      AA610584, AW196397, N23561, W79064, AA525812,      AA467960, W79278, AA384141, H13939, T39117,      AI583688, AA337439, F02454, AW020276, AW272153,      N41666, AA215583, H82822, AI69957, AA296400,      AA774171, AA374065, R51346, F04851, H13938,      AI265986, N78446, AA834424, N39945, AA808497,      AA319602, AW371271, AA635866, R67972, AI913499,      AI473530, AA249336, T35765, AI926163, R66887,      F05731, R51453, AA214339, AA215715, AA333628,      AA296441, T92452, N44957, AA186632, AA090199,      AA729807, AA247419, R25968, H39536, R26772,      AA352148, AA610373, T91494, N89839, F06181,      AI925010, C20750, AA907845, AA903800, AW297809,      AA431139, Z19610, AA214108, AI653812, AA649854,      AW388311, AW388286, AW388340, N85281, AA632973,      C06474, AI686813, R25574, AL040127, U29607,      U13261, AB003144, L10652, AC006023, A74845,      AF114784</p>	<p>AA824313, AW298121, AI671730, AI125492,      AI693007, AI684764, AI379854, AI419836,      AW070876, AA665983, AA777811, AI272720,      AI369047, AI347852, AI301020, AI022624,      AI684754, AA582422, AI702084, AA954968,      AA989429, AA775688, AA665932, AW044356, D79829,      D62776, AI698551, AW181996, AA976166, AW440071,      W26688, D62719, AI923301, AI538885, AI521560,      AI886661, AI866573, AI042944, AI539771,      AI537677, AI284509, AI500659, AI801325,      AI500523, AI284517, AI500706, AI445237,      AI491776, AW151138, AI282249, AI500662,      AI567971, AI633493, AI434256, AI866691,      AI433157, AI1284513, AW151132, AI888118,      AI432644, AI499915, AI889189, AW151979,      AI434255, AW151136, AI494201, AI804505,      AI815239, AL042865, AI866465, AI815232,</p>
479	HRAAG89	874368	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:479, b is an integer of SEQ ID NO:479, and where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:479, and where b is greater than or equal to a + 14.</p>

	AI538850, AI887775, AI582932, AI923989, AI590043, AI872423, AI289791, AI926593, AI285417, AI582912, AW172723, AI539800, AI440263, AI889168, AI927233, AI866469, AI434242, AI805769, AI500714, AI285439, AI859991, AI436429, AI623736, AI889147, AI355779, AI581033, AI371228, AI491710, AI431307, AI440252, AI440238, AI866786, AI860003, AI610557, AI431316, AI242736, AI828574, AI539260, AI887499, AI539781, AI702065, AI539707, AI805774, AI885949, AW089557, AI285419, AI559957, AI521571, AI469775, AI866581, AW074057, AI815150, AI567953, AI446495, AI867068, AI952433, AI225248, AI698352, AI371229, AI561170, AI554821, AI440260, AW151974, AI049859, AI872300, AI621341, AI690946, AI648567, AI431238, AL042853, AA464646, AL042365, AI890391, AI358271, AI538881, AI890907, AI963846, AI433976, AI866458, AI432666, AL042595, AI610362, AI371251, AI866510, AL045500, AI866461, AI817244, AI354981, AI923046, AI804515, AW194509, AL047422, AL042787, AI446139, AL048403, AI275175, AI499463, AL047398, AI589428, AI440239, AI537273, AI436456, AI567940, AI612913, AI434240, AI285826, AI863014, AI499512, AI889133, AI371243, AW084151, AI610402, AI434223, AI610429, AL042538, AI623302, AI863357, AW058275, AI567935, AI805762, AI432656, AI366910, AL039390, AI493559, AI500061, AI274759, AW029401, AL042551, H14453, AL080046, AW162194, AL080045, AI469764, AI924051, AI554827, AL042515, AI889191, AI866608, AL042533, AI539863, AI366900, AW129310, AI355008, AA602325, AI567993,
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	AI343030, AA693354, AI523806, AI561177, AI049850, AA489001, AW197139, AI273179, AL047611, AI582926, AI866820, AW089844, AW161202, AI355126, AL045166, AI953562, AI620517, AI567961, AI889148, AI521596, AI436438, AL042377, AI828583, AW083804, AL036146, AI1828572, AI521589, AI801589, AI537925, AI1866503, AI537191, AW151970, AI371265, AL046681, AL133640, AR034821, I48978, A65340, AL122110, AL137529, I33392, AL133070, U30290, AL137480, AF032666, AL049283, I89947, AL133084, AL137276, X80340, AF106657, AF102578, AL080154, AL049314, AL133049, M92439, U77594, A08910, Y10823, AL133016, AL122093, S61953, AL110196, U87620, E12580, AL137533, S83440, AL133637, AF113699, AL133081, AL110221, A08913, S36676, Y11254, U68387, S77771, AL137665, AB016226, AF094480, I17544, AF058921, S78214, AF026816, L13297, AF087943, AL049423, AB007812, AL049452, A03736, AF057300, AF057299, Z82022, AL137712, AF177401, I48979, AL137429, AF031903, X79812, Y11587, AF118070, AL117583, AL117416, AL050146, E12747, S54890, AF002985, I89931, AF065135, AF090900, I09499, AF044323, I49625, AL050208, Y16645, AL122050, A77033, A77035, U57715, AL133053, AL096744, AL133113, AL137550, AR053103, Y10655, A08909, AF126247, AF183393, X84990, AL133608, AF090896, AL133619, Z97214, AL035458, AR038854, U58996, A08908, AL049382, AF210052, E12579, AL080140, U42766, AR068466, AL117648, A08916, M27260, AF185576, I00734, AR013797, AL136884, AL122049, AL137283, I033321, AF013249, AF111851, AL080127, AR059883, E00617, E00717, E00778, AL133015, S53987, AL117394, AL133606, AL137476, A93016, AC004213, I79595, L04849, A18777, AF118064, AF097996, AL137656,
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			AL110222, AF061943, AR011880, AF017437, AR038969, AL133557, A07647, AL117440, U78525, E13998, AB008792, I17092, AB008791, U75932, AF090943, AF031147, I17767, Z37987, E07108, AL117457, AL050143, S68736, A08912, AB029065, A08911, AF110329, AL049324, AF215669, AL133080, AL110296, M22991, U55017, X67688, AL137574, AF158248, AL137658, I32738, U35846, AL080163, AU005690, E07361, AL049347, A32826, A32827, A21103, A08907, AF113694, AF118094, AL050277, AF000301, AL133062, AL137488, AL096751, AL110218, S76508, 189934, AF113690, AL049300, AL050024, AR000496, D44497, D89079, U39656, AF143957, U86379, AL117460, AL050116, I66342, U57352, S69407, AF039138, AF039137, AL110225, AL117435, X59414, AL133565, AL122121, X98834, A15345, A30330, E02914, A30331, AR068753, AL137478, X70685, E02349, Z13966, AL137459, AF162270, AL133655, AL117585, I36502, AL049466, AL133568, AL137521, A51774, AF106862, AL110280, I68732, AF113019, X82434, D83989, AF114170, A76335, AF069506, AF118090, AL137271, I52013, A94751, AL122098, E01314, AL133075	D79551, D62420	
480	HSLJR04	874369	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1875 of SEQ ID NO:480, b is an integer of 15 to 1889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:480, and where b is greater than or equal to a + 14.		
481	HNTBDS2	874370	Preferably excluded from the	AI968358	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 479 of SEQ ID NO:481, b is an integer of 15 to 493, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:481, and where b is greater than or equal to a + 14.	AW239382, AI171575, AA332410, T67576, AA101350, AA101254, AA081973, AA547961, AJ766488, T19153, AI190097, F01398, R44578, T23712, U69195, R37405, I70264, L07872, E03234, M81871, X17459, S63463, L07873, L34543, D14041, L34544, X59129, Z36843, M81866, L07876, L07874, L07875, X58337
482	HNTST27	874372	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 459 of SEQ ID NO:482, b is an integer of 15 to 473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:482, and where b is greater than or equal to a + 14.	AI084624, AI979241, AI674690, AW001796, AW439437, AA176260, AA767510, AI498630, AI650765, AA827544, AA602346, N22713, AI629034, AI912527, AA788915, N48349, AI335659, AI631259, AA157848, AA576235, AA203198, AA7022708, AI921184, AA159372, AA541348, AI307704, N23024, AI290103, AI631254, H99385, AI540316, AW440370, AA037341, AA523182, AW057852, AA669808, AA601990, H99337, C00261, AA079718, AI343345, H96030, H90076, AA745282, AI636729, AA903070, N50951, H25537, H25536, H25854, H81880, W31324, W15422, R08579, AA249588, AA301968, W03046, AA304742, AI902785, AI902787, AR003317
483	HSKJH49	874396	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 837 of SEQ ID NO:483, b is an integer of 15 to 851, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:483, and where b is greater than or equal to a + 14.	AI084624, AI979241, AI674690, AW001796, AW439437, AA176260, AA767510, AI498630, AI650765, AA827544, AA602346, N22713, AI629034, AI912527, AA788915, N48349, AI335659, AI631259, AA157848, AA576235, AA203198, AA7022708, AI921184, AA159372, AA541348, AI307704, N23024, AI290103, AI631254, H99385, AI540316, AW440370, AA037341, AA523182, AW057852, AA669808, AA601990, H99337, C00261, AA079718, AI343345, H96030, H90076, AA745282, AI636729, AA903070, N50951, H25537, H25536, H25854, H81880, W31324, W15422, R08579, AA249588, AA301968, W03046, AA304742, AI902785, AI902787, AR003317

484	HOEMK72	874399	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1486 of SEQ ID NO:484, b is an integer of 15 to 1500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:484, and where b is greater than or equal to a + 14.	AA805893
485	HBKDS37	874400	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:485, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:485, and where b is greater than or equal to a + 14.	F21303, AI309080, AI313045, AI583929, AC003969
486	HJMAK37	874401	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1303 of SEQ ID NO:486, b is an integer of 15 to 1317, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:486, and where b is greater than or equal to a + 14.	AA203539, AA148118, AW069718, AW179200, AW179199, AW179127, AW179066, AW179067, AW179201, AW365271, AW375212, AI970092, AW179068, W44526, AW375210, AW375209, AW177015, AI867436, AA142855, AW387298, AI972796, AW365269, AW351646, AA471044, AW365274, AA855052, AW351586, AW176988, AW351605, AI609610, AI1199285, AW365305, AA622549, AW351610, AW387243, AI953879, AW387300, AW365298, W46442, C04890, AI080586, AW351615, AW351650, T47835, AW009032, AI140272, AW375293, AW351617, AW375074, AW179130, AA715120,

			AA146940, AI569811, AA708858, AI148102, AW179187, AA954511, AI280141, AI362606, AW179190, AI022446, W44525, AW365273, AW192407, C02906, AW179198, W42590, W42655, R49375, AW003019, AI460147, AA040465, AA040769, AI286271, R12655, AA225093, AA372930, AA303268, AA040464, AA033844, AI638392, AA039986, AW083637, AW365319, AI193934, AI749576, AW375224, T47857, AA923676, AW365284, AW375227, AW365278, AW387301, AA203405, AI133035, AC004987
487	HUSGS50	874403	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 930 of SEQ ID NO:487, b is an integer of 15 to 944, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:487, and where b is greater than or equal to a + 14.  N30151, AW194704, AI334393, AI949076, AI890882, AW027820, AI632175, AI356379, AA594117, AA203630, AI823467, AI651286, AI276677, AI370022, AI356428, AI493393, AI288570, AW172483, AA036755, AA831078, AI027633, W84550, W28230, N40442, AA906113, AW076062, AA256336, AA458607, AA524825, AA812137, R80312, D20096, AA236380, AW137712, AI956006, AI611671, AA256337, AA844452, AI040458, AA988565, AA057371, T97621, AI825118, T97573, AI886103, H87501, AA236379, AI457303, R97822, R80208, F20270, AI083695, AA091887, N35763, AL134524, AL038878, AL045327, U46344, AW374052, AL045328, AL042898, AL134110, AL047163, AL135012, AL045494, AL042420, AL042523, AL047611, AL045891, AI318479, AL042655, AL042741, AI142134, AL037295, AL038838, AL037343, AI547295, AL038983, D29033, AL037436, AL037335, AI042931, AL048657, AL037323, AL038651, AL048677, AI431323, AL042519, AL043089, AL043321, AL042802, AL042508, AL042488, AL046356, AI431307, AL042533, AI431316, AL037727, AL037443, AL038532, AL038822, AL042515, AI623302, AI431238, AL042729, AL038761, AI432644, AL042468, AL042832, AW363350, AI432666, AL038040, AL042853,

			AI432654, AL042842, AL043166, AI432653, AL038024, AL037435, AL045326, AL042787, AI431235, AL038041, AI431246, AI431321, AI431315, AL041955, AW081103, AI432650, AI432677, AL045817, AL040207, AL043278, AL040472, AL043941, AI431328, AL043295, AL039432, AW084068, AI431230, AL038745, AL045753, AI431231, AI431257, AI432655, AI431310, AI431312, AL042135, AL047675, AI431353, AL040576, AL039360, AL037341, AR066494, A93923, A93931, AL133053, AL122101, A93916, Y17793, AL133074, D17247, A85203, AL133049, AL133082, AF019249, AL133076, AL133068, AR023813	AW392121, AI885485, AI159937, AW304415, AW276400, AA635938, AI246431, AW205164, AI225111, AW137547, AI161372, AI948865, AA427569, AI692826, AA478222, AI865502, AA079696, AA135355, AA424841, AA135181, AA425732, AI926084, AI874395, AA078777, AJ004856, AF099730, AF052692, X63099, M59936	w91920, H95263, AA419510, AI913372, AI435134, AW130401, AI375405, AI805967, AI140314, W91921, AI342338, AI765817, AI142820, AI222817, AI081783, AI494425, AW384945, AW384882, H09398, AI143391, AI028243, H06368, R56653, N64531, AI336765, H11180, R92953, H06369, AW131817, AA125761, AW026574, R38780, H79040, H95311, Z44340, R56652, H09337, F03221, N76105, Z42199, H78553, W05400, F06954, T80102, H11092, R92954, F01727, AA642748, F03472, R57250, AA127039,
488	HTOJL45	874407	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1663 of SEQ ID NO:488, b is an integer of 15 to 1677, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:488, and where b is greater than or equal to a + 14.	W91920, H95263, AA419510, AI913372, AI435134, AW130401, AI375405, AI805967, AI140314, W91921, AI342338, AI765817, AI142820, AI222817, AI081783, AI494425, AW384945, AW384882, H09398, AI143391, AI028243, H06368, R56653, N64531, AI336765, H11180, R92953, H06369, AW131817, AA125761, AW026574, R38780, H79040, H95311, Z44340, R56652, H09337, F03221, N76105, Z42199, H78553, W05400, F06954, T80102, H11092, R92954, F01727, AA642748, F03472, R57250, AA127039,	
489	HLTGR10	874410	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1626 of SEQ ID NO:489, b is an integer of 15 to 1640, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	W91920, H95263, AA419510, AI913372, AI435134, AW130401, AI375405, AI805967, AI140314, W91921, AI342338, AI765817, AI142820, AI222817, AI081783, AI494425, AW384945, AW384882, H09398, AI143391, AI028243, H06368, R56653, N64531, AI336765, H11180, R92953, H06369, AW131817, AA125761, AW026574, R38780, H79040, H95311, Z44340, R56652, H09337, F03221, N76105, Z42199, H78553, W05400, F06954, T80102, H11092, R92954, F01727, AA642748, F03472, R57250, AA127039,	

			NO:489, and where b is greater than or equal to a + 14.	AA732445, AA811541, AF052181
490	HWLQF84	874411	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:490, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:490, and where b is greater than or equal to a + 14.	AW007778, AA777636, AI609948, AW076025, AW272238, W92797, AA496251, F19306, AA704226, AA564616, 224871, AI696766, T83790, AI474594, AI540776, AI117537
491	HCQBD69	874413	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:491, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:491, and where b is greater than or equal to a + 14.	T84308, T81666, AA344382, T81527, AA631021
492	HATBE07	874414	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 763 of SEQ ID NO:492, b is an integer of 15 to 777, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI868039, N30147, AI671011, AW001046, AW292566, AA416681, AA449503, AA550918, AA508835, AI202156, H03076, F10876, R15110, F29564, H03264, R38188, H03078, R37579, F10877, AI419359, AA319552, AC004148

493	HCQDD86	874416	NO:492, and where b is greater than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:493, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:493, and where b is greater than or equal to a + 14.</p> <p>W02933, C16882, AA040896, AW297592, W31790, AI150968, Z25917, AA744862, D80022, C15076, C14389, AW085024, D5B283, D59619, D80210, D80240, C14331, D59467, D80166, D81030, D80043, D59502, D80219, D80164, D80212, D80391, D59787, D80195, D59859, D59275, D51423, D50995, D51799, D80253, D80227, D80196, D80193, D80024, D80188, D59927, D57483, AW377671, D80269, D80366, AA305409, D80038, D50979, D59889, C14429, D59610, D80378, D80045, D51060, D80522, D80241, D80251, AI880633, T03269, AW178893, C14014, D51022, AW179328, C75259, AW378532, D81026, AW177440, AA305578, AW369651, D80134, AW178775, D80168, D80133, C14407, D80248, AW178762, D51250, AA514188, AW352158, D80949, D80132, D58253, AI910186, AA514186, AW177501, AW177511, D80247, AW360811, C14227, C05695, D81111, AI905856, AW352117, AW176467, AW378540, AW375405, D80268, Z21582, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW352170, D80439, D59373, AW360834, D80302, AW352171, AW377676, AW178906, AW177505, AW177731, AW178907, AW179019, AW179024, D59627, D80258, AW179020, AW360841, AW178909, AW177456, AA285331, AW179329, AW352174, AW178980, AW177333, AW378528, AW178908, AW178754, AW179018, D51097, D80157, C14077, AW179004, AW179012, AW178914, AW378525, D51103, AW367967, C06015, AW177722, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, D59503, D80064, AW178983, AW352120, D80014, D58101, T11417, AW178781, D59653, T48593, H67866, C03092, AW177723, AA809122, AI557774, AW177508, F13647,</p>
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		D45260, AI535850, C14975, AW378533, T03116, AW367950, H67854, AW378539, AW177497, AI525923, AW178986, T02974, AW177734, C14344, AI557751, C14298, AI525917, D59317, D45273, D51221, D51231, D51213, C14973, D60010, D59474, AI535686, AI525920, AI535961, AA514184, C14046, D59551, H67858, C14957, D60214, AI525227, C16955, AI525235, T03048, D59695, Z30160, AI525242, Z33452, AI525912, AW378542, AI525925, AI525215, C05763, AC007899, AR018138, A62300, A84916, A62298, AJ132110, AF058696, A67220, D34614, D89785, X67155, D26022, Y17188, A25909, A78862, AR008278, D88547, AB028859, X82626, Y12724, AR025207, AR060385, A82595, A94995, AB012117, AB002449, AR008443, A85396, AR06482, A44171, I50126, I50132, I50128, I50133, A85477, I19525, A86792, U87250, X93549, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, AR066490, A43192, A43190, AR038669, AR066487, I14842, AR054175, A30438, I18367, D88507, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AF135125, AR016691, AR016690, U46128, X68127, D13509, A64136, A68321, AR060133, I79511, AB023656, U87247, AB033111, U79457, AF123263, AR032065, X93535, AR008382	T84735, R34768, AA229550	
494	HUCNE27	874417	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 759 of SEQ ID NO:494, b is an integer of 15 to 773, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	

			NO:494, and where b is greater than or equal to a + 14.	
495	HCRNL83	874422	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:495, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:495, and where b is greater than or equal to a + 14.	H06384, R18899, Z44266
496	HCRNJ94	874423	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 431 of SEQ ID NO:496, b is an integer of 15 to 445, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:496, and where b is greater than or equal to a + 14.	AC009399
497	HCROK63	874424	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 603 of SEQ ID NO:497, b is an integer of 15 to 617, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	A1015612, AA317841, AI624575, T03365, F08847, AL135117, AI266062, AI194070, T32043, AI651726, AA769451, AA478523, R43356, AI420508, AI696266, R49018, R43553, AA706697, AA814256

			NO : 497, and where b is greater than or equal to a + 14.	
498	HCQDC4S	874426	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1175 of SEQ ID NO:498, b is an integer of 15 to 1189, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:498, and where b is greater than or equal to a + 14.	AI807206, AA456258, AI379869, AA040053, AA489238, AA491881, AI591236, AA454645, AA743491, D62113, AA348495
499	HCYBG26	874427	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:499, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:499, and where b is greater than or equal to a + 14.	AA305281, AW188435, AA865072, AF118637
500	HCRNV56	874428	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1295 of SEQ ID NO:500, b is an integer of 15 to 1309, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AA478228, N27860, AA278201, N29624, N40633, AI061059, AI239749, AI1239694, AI1191282, AI287597, AA282735, AA477830, C02638, AA278669, AA282736, N41628, AI919327, AI147062

			NO:500, and where b is greater than or equal to a + 14.	
501	HCYBL48	874432	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 930 of SEQ ID NO:501, b is an integer of 15 to 944, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:501, and where b is greater than or equal to a + 14.	AL049129, T10241, AA305569, AI124527, R26487, T54193, AI918254, AI866497, AC007707, AL049175, R33063
502	HTODN93	874433	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 650 of SEQ ID NO:502, b is an integer of 15 to 664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:502, and where b is greater than or equal to a + 14.	AW070344, AI0805087, W92687, W92830, AI083823, AI085548, AI083824, AW150070, AW192716, AA775561, AW172659, M91217, AI393090, AW137263, W05570, F333371, R70460, AA339837, AI564511, AW380993, AA377546, AI924106, AW192211, AI825277, AA301724, AI619600, AI783751, AW190639, AW025095, AL110261, AF086482
503	HWLQK42	874435	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:503, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	

504	HODD01	874436	NO:503, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:504, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:504, and where b is greater than or equal to a + 14.	R17798, Z46181, F07399, AI861887, AL078621
505	HNTDB90	874437	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2069 of SEQ ID NO:505, b is an integer of 15 to 2083, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:505, and where b is greater than or equal to a + 14.  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2069 of SEQ ID NO:505, b is an integer of 15 to 2083, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:505, and where b is greater than or equal to a + 14.	AL041443, AW364832, AI701163, AA703268, AI922882, AW250751, AW176631, AW384906, AA977160, AI827503, AA836106, AA031993, AW364830, AA877105, AA029769, AA857717, AI097192, AW078802, AW439369, AI679300, AA307181, AW364828, AA017441, AA814838, AI149119, AI984542, AA088220, AA693617, AA642435, AA029770, AA693727, AA219350, AA701369, H10480, AI339809, AI342040, AA278400, AA679040, AI076284, H11320, AI598085, AI679645, AA169833, AW391744, AA774000, AA705303, AW169610, AI523750, AA555045, AI560150, AA132358, AA132238, H09723, AI263297, AI242620, AI88557, AI264388, AI467876, AI937736, AW073908, AI831021, T10347, AI679877, AA903261, AW08B051, AI956162, AW378474, AW105100, AA730801, AI289089, AA693705, AW449744, AA890170, Z19430, AA169653, AA768954, T10346, R73748, N50800, AW367623, T16287, AW372230, AA553714, R56996, T78632, AA471222, AW303560, H09804, AA528730, AI193292, D19681, AA504409, AI572476, AW118415, AI625091, C14104, AA031922,

			AI469393, AW383894, AA280352, AI862986, T79117, AA171744, H85873, AI473520, D57425, AW265702, AW265652, H09893, AA515950, AA278168, AW383887, AA187785, AA634073, AA171956, N55157, AW384891, AI858809, AA865810, AW383899, AW265651, R40722, H86006, AW379222, AW364831, AW246896, R20540, AI824458, AI912510, AI651840, AI863002, AI538566, AA716464, AI521005, AI479292, AI818204, AI568967, AI636507, AI696619, AI688848, AW264727, AI095003, AI927233, AW079148, AI696714, AI620056, AI624624, AA491505, AA830022, AA582029, AL049053, AW004606, AA832315, AI446511, AI364167, AI538564, AI915291, AI500714, AW152182, AI698391, AI5822932, AI590043, AI889189, AW075382, AI6788623, AI866469, AI474699, AI784214, H89138, AI621341, AI884318, AA731640, AI638644, AI570056, AI868680, AI370623, AW104141, W74529, AI539260, AI634737, AW082530, AI803786, AI701097, AI499570, AF090384, U35832, AF079566, AF110957, U35833, AB015337, AR038854, AR050959, AF080068, A58545, AL137716, AL137550, D44497, AL137463, X59813, X78627, AL133049, AJ005870, AL049452, I89947, A41579, U72621, U95114, AR034821, L35261, AF199509, AF126372, AL137530, Z82022, X68249, AF047716, AF124396, AF008439, A15345, A08456, A31057, U70981, AF038847, A77033, A77035, AL117587, U97675, AL133062, AF044323, 132738, A52184, X68560, AF137367, Z97214, AF103804, AL137711, AL110269, A23327, AL049276, L10730, AF087943, AF126488, AF125948, X69026, M79462, AF115410, X83544, E12806, E00984, I04527, AF082324, U57352, Y14634, U35846, AF116573, AF032666, AJ004832, AC007043, S65585, AR016802 AI310512, AI017928, AI126428, AW183671,
506	HFPBQ02	874438	Preferably excluded from the

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1220 of SEQ ID NO:506, b is an integer of 15 to 1234, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:506, and where b is greater than or equal to a + 14.	AI769482, AI278244, H98700, AI276464, AI804304, AA150603, AA932025, AA150714, AA634250, AI693144, H15730, AL079931, AA018551, T71559, AI202638, AI669430, Z30167, AA583318, C15865, F11286, AW206756, AI824461, AI927394, AI676140, R22715, AI093716, R20421, AI080371
507	HTXSK90	874447	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 632 of SEQ ID NO:507, b is an integer of 15 to 646, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:507, and where b is greater than or equal to a + 14.	AI032786, AI127382, AW296271, AI660953, AI582209, AA460965, AI376115, AI023644, AA461274, AI016900, AA767046, H00465, AA815039, R05714, H11254, AI868663, AA300091, R05715, AW403510, AA815462, AA235654, AW292253, W24933, AA628366, N93714, T49554, H00515, T49555
508	HTECD58	874449	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2243 of SEQ ID NO:508, b is an integer of 15 to 2257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:508, and where b is greater than or equal to a + 14.	AI217906, AW195775, AW195785, AA453351, AW386766, AA305356, AW082713, AW082701, AI795920, AI888047, AI439162, AI560009, AA995922, AI027616, AA453250, AA931063, AA463611, AW271381, N70413, AW085226, N23186, AA307663, AW008346, D78724, N94104, N39404, R72697, AA463258, AA262496, D61644, AI955116, N69284, H96507, AA009470, AA384388, R72625, D81170, AA911484, D80814, N48519, N32651, N41472, AA262490, AA705711, AA299338
509	HWLQH59	874452	Preferably excluded from the	AI128388, AI086103, AI796014, H04253, AI687030,

	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 687 of SEQ ID NO:509, b is an integer of 15 to 701, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:509, and where b is greater than or equal to a + 14.</p>	F24953, AL134524, AL045328, AL038838, AL037436, AL038983, AL037323, AI142134, AL042898, AL037727, AL039643, AL038745, AL037343, AL047163, AL037335, AL079852, AL037295, AL134110, AL037443, AL038532, AL037341, AL045989, AL047037, AL044125, AL038822, AL037435, AL040193, AL043941, AL044162, AL041347, AL047012, AL040621, AL043538, AL043496, AL043923, AL043814, AL041238, AL044186, AL040617, AL041324, AL040463, AL043845, AL047170, AL038761, AL044037, AL045327, AL041635, AL040294, AL044064, AL040464, AL041459, AL041577, AL047219, AL041098, AL040625, AL040576, AL045684, AL0411752, AL045753, AL046850, AL040768, AL046994, AL046914, AL040052, AL040510, AL043467, AL040444, AL043677, AL040839, AL047183, AL043492, AL041602, AL044074, AL041246, AL041730, AL041523, AL043627, AL041374, AL043848, AL043570, AL04472, AL042135, AL046442, AL045857, AL041133, AL045671, AL041955, AL037279, AL040322, AL039316, AL041296, AL041096, AL046392, AL041163, AL040119, AL039360, AL044272, AL041086, AL044258, AL042096, AL041168, AL041159, AL047057, AL045920, AL040148, AL049018, AL041358, AL040458, AL044187, AL041233, AL040075, AL045990, AL045817, AL040571, AL041346, AL040332, AL039338, AL040529, AL079878, AL041197, AL046330, AL040745, AL040370, AL040149, AL041344, AL044274, AL040128, AL044199, AL047036, AL040342, AL040553, AL041186, AL039432, AL040414, AL041277, AL039744, AL040285, AL040155, AL040091, AL044165, AL041131, AL040090,
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			A11623, E00609, A11178, E01007, I13349, A10361, AL133082, AL133049, A16035, AR043601, A85395, A70872, A85476, I44681, X83865, I19525, A84772, A84776, A84773, A84775, A84774, AR067731, AR037157, AR054109, AR067732, A58522, A91750, AR063812, AJ230845, M28262, AF149828, Y14219, I15718, S60422, I01995, E12615, A02710, AR035193, A92133, E14304, A07700, A13393, A13392, AR031488, I13521, I52048, A27396, I25027, AR027100, I49890, I44531, I28266, I21869, I26929, I44515, I26928, I26930, I26927, A91965, I44516, A70040, E16678, A82653, I08051, E16636, I15717, A22734, A24783, A24782, A95117, AJ230935, AJ231028, AJ230972, A06631, I33632, AR035974, AR035976, AR035978, AJ244007, I08395, E03654, I66495, I66494, I60241, I60242, I66498, I66497, I66496, I66486, I66487, AJ230902, AJ231009, AR023813, AR054723, I03669, I03668, AJ230867, AR051957, AJ230951, A20699, E00696, E00697, E03813, I66482, AR009151, I66485, I66483, I66484, AR038066, AR027099, A05993, A05991, AR051651, AR051652, AL133076, AL133068, AJ230996	AA534892, AI803520, AA112679, AI383031, AA766268, AA779737, AW380003, AL038605, AA420722, AI284517, AI538342, AW129271, AI866573, AL037582, AL037602, AI371251, AL047344, AI923989, AL043632, AI784230, AI922561, AI567582, AW079572, AI702013, AI421149, AI866458, AW029263, AI539028, AI564259, AI587121, AI699255, AI913452, AI815855, AI690426, AI669864, AI918449, AI360195, AI633061, AI683492, AW029457, AI765469, AI480118, AI912434, AI609593, AI349964, AI567814, AW195968, AW189189, AA658033, AI658566, AI674838,	510	HHEPP22	874455	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 331 of SEQ ID NO:510, b is an integer of 15 to 345, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:510, and where b is greater than or equal to a + 14.
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		AI686081, AI452857, AI538850, AI887151, AI499570, AW192976, AI554818, AI912533, AW007833, AI671931, AI560010, AI857724, AI620056, AI862024, AI912435, AI610822, AI799472, AW189802, AI653979, AI345666, AW079859, AI624950, AA827691, AL047854, AI887163, AI560184, AI648699, AW163834, AI418970, AW023338, AW078729, AW020381, AA857847, AI691088, AI568114, AA731711, AI349958, AW079818, AI539723, AA572758, AI288285, AI624938, AI866691, AI702527, AI567501, AA862485, AI267162, AL041150, AI697359, AW089844, AA805708, AI560844, AI355779, AI638644, AW263804, N25033, AI630252, AI285439, AI289791, AI356929, AI120300, AA746507, AI493858, AI433611, AW172607, AW303074, AW008353, AW304652, AI610399, AI471429, H89138, AI954200, R06685, AI868204, AI686589, AI950100, AI582871, AA528822, AI805688, R39624, AI469516, AI565172, AW084097, AI421662, AA808175, AI698391, AI628711, AI802998, AI683897, AI815233, AI630947, AW129264, AW081383, AI824375, AI597805, AI524179, AI521560, AI457113, AI309306, AA835970, AI559863, AI687568, AW189965, AI918634, AI884318, AI368043, AW025279, AI096771, AI571439, AA975952, AI043196, AI886181, AI419826, AI758445, AI539071, AI6335634, AL037081, AW008226, AI811631, AI925028, AI610671, AI564290, AI863002, AW192363, AI120700, AI863047, AI371984, AI969655, AI933727, AI539260, AW148882, AI453328, AW262983, AI824503, AI440239, AW104141, AI244380, AI167231, AI121270, AI095003, AI500714, AW074374, AI586931, AI491710, AW007580, AI874004, AA693354,	

		AL041562, AI628284, AI537643, AI273886, AW084368, AI923559, AI564620, AW149255, AA761573, AI627714, AI679487, AW051088, AW161202, AI18448, AI569440, AI954721, AI679261, AW268067, AI367328, AW081917, AI249389, AI628325, AW172981, AW074236, AI358200, AI886016, AI342023, AI355613, AW084801, AI623682, AI446511, AW002698, AL036255, AI915291, AI683292, AI500061, AI696714, AI370623, AI591228, AF162270, AL035587, AC002287, AP000250, Z82206, AF032666, AL117440, AC005156, AC005048, AL032822, AL022147, AL022165, AP000020, AP000211, AP000133, AP000030, AC006203, AC005940, E06743, AC006115, AL133623, AF042090, U36585, A65341, Z49258, AL137627, U95739, AL034417, Z82022, AC004989, AF153205, AP000130, AP000208, Z83840, AC006222, AP000247, AC006112, AP000697, AL096776, AC004797, AF067728, AC002464, AC004837, AF061573, AC009501, AC006336, AC004057, AL117587, AR013797, AC009233, A77033, A77035, AC006299, AL031295, AF038847, AF090901, AC006039, AL050393, AC005886, AC007392, AC004383, AC002301, AF097996, AC002472, AC007114, AL133445, AL035407, AL021393, AC004878, AL049557, AL050172, Z97214, AC005091, AC004690, AL035458, AC006501, AC002558, AC000052, AL136130, Y10936, AF145233, AL049430, AC009286, AL133084, AC004987, AF095901, AL133014, AC008014, AL137471, AC007869, AC004808, AC018767, E12579, AC006288, AC007056, AC007390, AL035464, AL035067, AC005291, AL080146	AW157329, AI692198, AA584408, AI929359, AW157252, AW003514, AI765658, AI924025, AI810740, AW163385, AW163525, AW157459, AI989669, AI659582, AI969924, AI340993,
511	HLDDD01	874458	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

			the general formula of a-b, where a is any integer between 1 to 953 of SEQ ID NO:511, b is an integer of 15 to 967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:511, and where b is greater than NO:511, and where b is greater than or equal to a + 14.	AW163255, AI349083, AI929284, AI340991, AW299522, AW299513, AI912836, AI341293, AI650609, AA279840, AA132529, AW074796, AI307481, AW301440, AI420833, AA132590, AA279903, F36954, F29823, AW370022, AA618529, F36948, AW299502, F36952, AI962519, F26420, AI915440, T24436
512	HWLRA47	874459	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF A-B, WHERE A IS ANY INTEGER BETWEEN 1 TO 518 OF SEQ ID NO:512, B IS AN INTEGER OF 15 TO 532, WHERE BOTH A AND B CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:512, AND WHERE B IS GREATER THAN NO:512, AND WHERE B IS GREATER THAN OR EQUAL TO A + 14.	T85523, AA312283, F06560, Z99396, AW392670, AW384394, AW372827, AW363220, AL119443, AL119497, AL119319, AL119457, AL119324, U46341, AL119496, AL119355, AL119396, U46349, AL119341, AL119483, AL119484, AL119363, AL119391, AL119335, U46350, AL119522, AL036418, AL038837, U46351, AL119399, AL037051, AL036725, AA631969, AL119418, U46347, AL119444, U46346, AL036858, AL134527, AL042614, AL037205, AL119439, AL042551, AL042975, AL134518, AL042433, AL042965, AL134902, AL039074, U46345, AL134920, AL134528, AL042984, AL036924, AL119488, AL039912, AL134538, AL042970, AL042450, AL042542, AL038509, AL042544, AL043019, AL043029, AL036190, AL037085, AL036767, AL037094, AL043003, AL037077, AL036774, AL037526, AL036196, AL037639, AL037082, AL119464, AL038520, AL036268, AL037027, AL036998, AL038851, AL036733, AL036765, AL037615, AL036191, AL036679, AL036886, AB1671, AR060234, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436
513	HCRMX57	874460	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF A-B, WHERE A IS ANY INTEGER BETWEEN 1 TO 501 OF	N72353, T97421, AL133353

		SEQ ID NO:513, b is an integer of 15 to 515, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:513, and where b is greater than or equal to a + 14.	AA665310, AI367951, AA313588, AI565593
514	HFPEC02	874461	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 481 of SEQ ID NO:514, b is an integer of 15 to 495, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:514, and where b is greater than or equal to a + 14.
515	HMEEI02	874467	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:515, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:515, and where b is greater than or equal to a + 14.
516	HKCSZ54	874468	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1161 of

		SEQ ID NO:516, b is an integer of 15 to 1175, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:516, and where b is greater than or equal to a + 14.	AA307756, W03805, AA309459, AA492105, AA501614, AA251356, F29520, AA872564, AA845804, F16979, AA527209, AA626823, R46803, AC004883, AC004967, AC002558, AL096791, AC002351, AP000512, AC002288, AC003662, AC009247, AL050318, AC002300, AC006544, AC005015, AC004491, AL031680, AC002073, AC005800, AF069291, AC006270, AF111167, AC004605, AC005291, AC005500, AC007371, Z97054, AC006241, AL135744, AC005049, AL035685, AC007688, AJ003147, AC006064, AC005225, AC007216, AL024498, AP000355, AC005971, AC004000, AL035460, AL096701, AL121658, AL049709, AC005081, AC004797, Z83822, AF111168, AF165926, AP000144, AC005914, AC005088, Z97053, AC004526, Z98036, AL122020, U91326, AC005803, AC004813, AC006211, AC007390, AL121603, AC009516, AL080243, AF001550, U47924, AC012085, AC005037, AC004985, AL049776, AL031848, AC006120, AL031685, Z95115, AC006449, AC006530, AL031591, AJ229043, AP00117, AC005209, AC004125, L44140, AC007298, AC005695, AC007676, AC005089, AC005527, AL049869, AC007637, AF053356, AP000555, AC006039, AC004686, AC006057, AC002044, AC002563, AL008627, AF205588, AC005071, AC000025, AF003626, AC007546, AF134726, AC005746, Z99943, AC005529, U80017, AC016025, AJ246003, AL008726, AC004253, Z84480, AC005193, AC006277, AL034420, AL133246, AC004383, AL049712, AC003009, AC005399, AC005488,
517	H2CBM49	874469	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 459 of SEQ ID NO:517, b is an integer of 15 to 473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:517, and where b is greater than or equal to a + 14.

			AL022725, AC005874, AF134471, AC004815, AB000882, AC004998, AC007240, AC006077, AC007151, AL132777, U91323, AF126403, AC002477, AC005924, D87675, AL035587, AC006441, AC005972, AC007731, AC005703, AC006946, AL021391, AL049765, AC004895, AL031774, AC005519, AC005696, AL139054, AL049780, AC002365, AC007055, Z99716, AP000346, AL035086, AC002565, AC007542, AF030453, AC005921, AL031985, AC002470, AC003982, AC007999, AC005331, AC006006, AC005725, Z98051, AL035555, AC002404, AF109907, AC006071, AL034549, AF001548, U95740, AL096712, AC005410, AF002223, AL023553, AC004685, AL035420, AL109758, AF067844, AL121754, AL022316	AL039245, AI955098, AI857804, AI355557, AI469403, AW249170, AW167089, AW264538, AI922792, AI090862, AA614415, AW015755, AI970459, AI589853, AW302158, AI591130, AI990223, AI860824, AW248743, AA954810, AI652051, AI634311, AI739259, AI886436, AW196771, AW078970, AA908313, AI798561, AI611669, AA506437, AW079611, AI912359, AA131747, F37324, AW183471, W19261, AA679753, AW264730, F27752, AW339361, AA514635, AA962100, AA330885, H91413, AI869375, AI829609, AW297389, AA465711, AW050424, AA131835, AA355811, AI587515, AI493248, AA583508, AI933589, AW263823, AI289791, AW169604, AA969375, AI865289, AW059765, AI866770, AI801152, AI802542, AI586931, AI955906, AI565172, AI954721, AW151136, AI345688, AI114703, R81679, AI640704, AI538885, AW118518, AI799183, AW025279, AI915207, AI473536, AW176261, AW029457, AL037582, AL037602, AI251221, AW089275, AW022682, AI491710, AL046944,
518	HIVGR86	874470	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1494 of SEQ ID NO:518, b is an integer of 15 to 1508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:518, and where b is greater than or equal to a + 14.	AI469403, AW167089, AW264538, AI922792, AI090862, AA614415, AW015755, AI970459, AI589853, AW302158, AI591130, AI990223, AI860824, AW248743, AA954810, AI652051, AI634311, AI739259, AI886436, AW196771, AW078970, AA908313, AI798561, AI611669, AA506437, AW079611, AI912359, AA131747, F37324, AW183471, W19261, AA679753, AW264730, F27752, AW339361, AA514635, AA962100, AA330885, H91413, AI869375, AI829609, AW297389, AA465711, AW050424, AA131835, AA355811, AI587515, AI493248, AA583508, AI933589, AW263823, AI289791, AW169604, AA969375, AI865289, AW059765, AI866770, AI801152, AI802542, AI586931, AI955906, AI565172, AI954721, AW151136, AI345688, AI114703, R81679, AI640704, AI538885, AW118518, AI799183, AW025279, AI915207, AI473536, AW176261, AW029457, AL037582, AL037602, AI251221, AW089275, AW022682, AI491710, AL046944,

		AL138406, AI653829, AW410842, AI473451, AI432085, W60528, AA808175, AW161402, AI355613, AI587209, AI648509, AI628711, AA659314, AW081036, AI499890, AL039430, AI859644, AI446511, AL036988, AI095003, AI638644, AL043152, AI493576, AW148363, AA504514, AW193236, AI538764, AI633125, AI361319, AW129106, AI613038, AI283760, AW055252, AI524179, AW131282, AI036673, AW022102, AI915291, AI954475, AI680221, AI431975, AW088698, AI440238, AA830821, AI309306, AW410259, AI698391, AW169527, AI554821, AI923370, AI889189, AI921633, AA641818, AW243886, AI927233, AI699865, AI559863, AW089006, H89138, AI554343, AI445620, AL046466, AI623941, AI500061, AI690410, AW008353, AI524654, R28164, AI539260, AI274745, AI784214, AI620056, AI040011, AW083750, AI648699, AI281757, AI275163, AI270295, AI819545, AI270706, AI432644, AI802244, AI471282, AI690813, AW194014, AW088560, AI371984, AW051088, AI890907, AI627360, AI621341, AW104141, AW192687, AW079432, AI619817, AI401697, AI538564, AI553645, AW403717, AI624548, AA464646, AI916419, AW152182, AW262026, AL038605, AI474646, AI118781, AI285439, N22276, AA761608, AI582932, AI923989, AI590043, AI872423, AW148356, AI537677, AI699020, AI866162, AI434731, AI521560, AI500662, AI648494, AI333104, AI471429, AI452560, AI866780, T69241, AI046931, AI479292, AI866469, AI860027, AW167086, AI590020, AL040205, AA502794, AI500714, AW188693, AI279925, AI635032, AI368816, AI884318, AI859991, AI800370, AW080920, AI889256, AW238688, AI581033, AW103628, AI439452,
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	AI570056, AI043355, AI269205, AI954422, AI932794, AI569975, AI860003, AI554344, AW079409, W74529, AI917428, D63481, AF090900, AJ005690, I48978, AL110221, X59414, U00763, AL117416, A03736, X65862, AL050024, I29004, X66417, I89947, AL122104, AL137459, AL137530, AF124728, AL133665, AF013214, AL137533, AF118090, AL110280, I03321, E04233, I09499, AL050092, AF182215, AL117587, X98834, AR038854, A08913, AL110158, AL122121, I48979, AL133640, AF017790, A08912, A08911, AF067728, E12806, AL117435, S76508, S78214, X82434, AL137523, AL137271, E12747, AF017152, AL133560, AL137539, A08907, Z13966, AL133075, AF002672, A08910, AL137627, A08909, AF017437, AF175903, A77033, A77035, AF132676, E02349, AF061836, AL050172, AF176651, U87620, AL096744, AF039138, AF039137, AF044323, AL133568, AF114168, Z97214, AL110218, AF179633, AC004686, Y10655, AL137521, A08908, AL080159, L31396, L31397, AL122050, I79595, AF002985, L04504, AF102578, AF113677, Z82022, M85164, AJ242859, AF094480, AL050155, AF139986, AL133619, AB019565, I32738, A18777, I89931, AF113690, AF111851, E01314, AL117457, S77771, AL096720, AL117394, AL137488, I49625, AR020905, AF038847, AL137478, A76335, AF069506, AL110296, AL117460, Y09972, AL137558, U72621, AR034821, U42766, AL133565, AL137548, D16301, X83508, AF145233, A86558, AF118064, A65340, AL133080, AR029490, AF047716, AF043493, AF090903, U37359, I66342, U78525, AL050393, D83032, I89934, D83989, U01145, A92311, AL122049, AF108357, AF015958, AL110228, AF090901, A21101, AC003032, AC004822, AL137537, AL050170, AL122110, AR013797, AF090934, AF097996, U67958, AF087943, AL049382, X52128, AR060156, AL133016, AL080118,
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			U75932, AF067790, AF028823, AF113689, S63521, Y16645, AF118094, S36676, Y11587, AF065135, AF113699, Z72491, U02885, AF106827, AL117583, AF113393, AF159615, AF159148, A93350, Z37987, AL137529, AL096751, E01614, E13364, AL137480, AF032666, AJ012755, M92439, AC007298, X61970, AR068753, L04849, S83456, S68736, A08915, AL023657, AL110224, AF061573, U77594, AR022283, AF113694, AF100781, AL049283, A76337, Y13350, AL137258, I46765, AF200464, AF169154, AL050116, E06743, AL049452, Y07905, AF079765, A08916, AL137292, AL117432, AL137479, L13297, X66871, AF031147, AF153205, M27260, AJ003118, AL136842, X65873, AL133112, AL049347, AC002467, I22272, AL080060, AL049938, AL133093, AF118070, U92068, AF141289, AL080110, AL080234, AL137711, U62966, AF185576, AL050138, X93495	AA305496, AA436754, H80977, C14389, D81026, D59927, D80212, D80522, D81030, D80391, D59787, D58283, D80248, D80045, D59859, D59502, D80196, D80022, C14331, D80166, D80195, D80043, D59467, D51423, D59619, D80210, D51799, D80164, D59275, D80240, D80253, D80227, AA305409, D80188, D80133, D50995, D51022, C15076, D80219, AA305578, AW377671, D50979, D57483, D80269, D59610, D80038, D80366, D59889, D80193, D80024, D80378, D80268, AA514188, AW177440, D80251, D80241, AW179328, C14429, AW178893, AA514186, D51060, T03269, AW360811, C75259, C14014, D80134, D80132, AW378532, T11417, AW375405, AW177501, AW177511, D59373, C05695, AW178762, F13647, AW366296, AW360844, AW360817, D51250, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D58253, AW178775, D80302, AW178906, D80157, D80439, AW369651, D80247, AW352158, AW352117, AW176467, AW352171,
519	HCYBN52	874472	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 578 of SEQ ID NO:519, b is an integer of 15 to 592, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:519, and where b is greater than or equal to a + 14.	

	AW377676, AW352170, AW177731, AW178907, AW179019, AW179024, AI910186, AW177505, AW360841, AW179020, AW178909, AW177456, AW179329, D59627, AW378528, AW178980, AW177733, AW178908, AW178754, AW179018, D51213, D51759, D51103, AW352174, AW179004, AW179012, AW378525, AI905856, AW178914, DB0258, AW367967, D58101, DB0014, C06015, AW177722, D59503, AW177728, AW179009, AW378543, AW360834, AW178983, AW178774, AW178911, AW352163, AW378540, T48593, D58246, Z21582, AW178781, AI535850, AW352120, D59653, D45260, D59474, C14227, AW177723, D80064, AA285331, D81111, AW367950, D51097, C03092, AW177508, T02974, H67854, C14975, AW378533, H67866, AA809122, AW178986, AW177497, AI525923, AA514184, C14973, AW177734, D80228, T03116, AI525917, D59317, D45273, C14344, C14407, D51221, D60010, AI525920, C14046, AW378539, AI535686, AI557774, C14957, D59551, AI557751, AI525227, D60214, AI525235, C14298, T03048, D80168, AI525912, AI525242, AW378542, AI525925, AI525215, AI535961, C16955, C05763, Z33452, AI525222, AW360855, AI525237, H67858, C04682, T02868, D31458, D59695, AF058696, AJ132110, A84916, A62300, A62298, AR018138, AR008278, AB028859, D26022, X67155, Y17188, A25909, Y12724, A67220, D89785, A78862, D34614, D88547, A82595, A94995, X82626, AR060385, AB002449, AR016808, AR008443, AR025207, I50126, I50132, I50128, I50133, AR06488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, AB012117, A30438, I14842, AR054175, I18367, D50010, X68127, Y17187, A63261, A85396, D88507, AR066482, A44171, X64588, AR008277, AR008281, A85477, AR008408, I19525, A86792, AR062872,
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			A70867, AR016691, AR016690, U46128, X93549, D13509, A64136, A68321, AR060133, I79511, X72378, U79457, AF123263, AR032065, AR008382 AA313465, AC002476
520	HDPF058	874473	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 554 of SEQ ID NO:520, b is an integer of 15 to 568, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:520, and where b is greater than or equal to a + 14.
521	H2CBC28	874474	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:521, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:521, and where b is greater than or equal to a + 14.

		C14973, D51022, AA514184, C14344, AA809122, D59551, C14077, D57483, D80269, D59889, D59474, C04682, Z21582, D59317, D51221, T03116, F13796, AI525978, C06084, H67858, AI525969, AI525238, D51103, T02868, D45260, AA305720, AI525215, AI525923, AI525242, AI525235, AI525920, AI525912, AI525227, AI535961, C05763, D31458, AI525917, AI525237, AI525922, AI525925, AI525914, AI525907, AI525903, Z92542, AR016808, AB010386, X64588, I82448, U37689, A47134, I81198, A84916, AB019242, A62300, A62298, AB028859, I82446, AJ132110, AR018138, X72378, AR008278, AF058696, I14842, AB002449, A82595, AR060385, I79511, AR054175, AR008277, AR008281		
522	HCRQF18	874475	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1141 of SEQ ID NO:522, b is an integer of 15 to 1155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:522, and where b is greater than or equal to a + 14.	AI091231, AI655460, AW419347, AA599117, AA324808, Z39364, R51273, AW392670, Z99396, U46347, AW384394, AW363220, AL119484, AL036418, AL038837, AL037051, AL036725, AA631969, AW188647, AW372827, AL043003, AL119457, AL134153, AL119497, AL119319, AL119324, AL119439, AL119391, AL119443, U46350, AL036858, AL119522, AL039074, U46351, AL036924, AL119483, AI468939, AL119363, AL119355, AW128838, U46341, U46349, AL119341, A1497736, AL119396, AL119335, AL119418, AL119496, AL135561, AL038509, AL037085, AL039564, AL119444, AL039085, AL037205, AI568881, AL039156, AI270298, AW081940, AL039108, AL134132, AL039109, AL039128, AL037094, AL134530, AL134519, AW272567, AL037526, AL134531, AL036196, AL119401, AL036190, AL134527, AL134528, AL043147, U46346, AL079657, AL037639, AL042614, AL039659, AL036767, AL038520, AL134533, AL037082, AL119399, AL042984, AL042965, AL042975, AL036268, AL042542, AI792230, AL134538, U46345, AL042544, AL042989, AL043019,

			AL042551, AL037077, AL043029, AL042450, AI142134, AL039625, AL039648, AL045337, AL036238, AL042909, AL038447, AL039678, AL039629, AL039386, AL036998, AL037615, AL038851, AL036733, AL037027, AL119464, AL036774, AL037178, AL037021, AL036765, AL039410, AL036719, AL036191, AL036679, AR066494; AR060234, A81671, AR023813, AR064707, AR069079, AE026436, AR054110	AI927646, AW001077, AI951703, W70091, AI951705, AA134111, AW235988, AI144285, N51368, D63211, AI700903
523	HE2CI70	874479	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:523, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:523, and where b is greater than or equal to a + 14.	H97940, AI472133, AI004952, N27386, AW235689, AI633433, AL119741, AA988792, N30111, AA830923, AW316939, AI961563, AI1149583, AA507636, AI823859, AA507630, N32009, AA628731, AI358786, AA856747, R78501, AP323243, R65698, R78550, AI192314, R22064, AI122755, AA578856, AI379549, AI084575, R77137, R80450, R22905, R24489, R31530, R36133, R23007, R68060
524	HSPAX64	874480	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1967 of SEQ ID NO:524, b is an integer of 15 to 1981, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:524, and where b is greater than or equal to a + 14.	AA329666, AI281401, AI439393, AI798407, AA302817, AW157731, AW276678, AA417723, T088386, H68343, AA569715, AB003151, AP000688, AC005697,
525	HCRPE10	874481	Preferably excluded from the present invention are one or more polynucleotides comprising a	

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1556 of SEQ ID NO:525, b is an integer of 15 to 1570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:525, and where b is greater than or equal to a + 14.	AF051976, AC005837, AL109627, AC004144, Z83850, AC004491, AC008109, Z84466, AC002364, AC005280, AL049764, AF196972, AL049697, AC005089, AF111167, AC005874, AF134471, AC006597, AC006312, AF087017, AC006473, AL031280, AC005736, AC004987, AL022311, AC004448, AC003666, Z98200, AC008372, AC005796, AL022315, Z98257, AL022323, AF196970, AC002549, AC005740, AC000379, AC002312, AP001053, AF111168, AF196969, AC005353, AL049776, AC000134, AL024507, AC005562, AB022785, Z94161, AP000065, AC006511, AL031984, AP000112, AP000044, AC004472, AP000466, AC005049, L34160, U20499, AL021155, AL035400	AW269339, AI631650, AI743766, AW071647, AI141513, AI141515, AW183591, AA759305, N66691, N56903, AI206817, AI1703230, AW263621, N32112, AI377705, N24656, N32124, N35855, AA608925, AI267504, N56791, AW026617, AA813748, H14805, AW183221, AA249548, N35444, N98958, N46634, AI886816, Z83822, D86969, AF127774	AI924940, AI650533, AI057572, AI424452, AI087991, AI674568, AA282264, AI638589, AW044688, N25211, AI291941, AA687274, AW183909, AA447768, AA453699, AA513691, AI193754, AI362359, H25491, C01395, H88787, AI051462, R40823, H89006, AL118765, R58364, AA620624, AA346606, AL039912, AI142134, AR043113
526	HTOJA79	874482	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1070 of SEQ ID NO:526, b is an integer of 15 to 1084, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:526, and where b is greater than or equal to a + 14.	AW269339, AI631650, AI743766, AW071647, AI141513, AI141515, AW183591, AA759305, N66691, N56903, AI206817, AI1703230, AW263621, N32112, AI377705, N24656, N32124, N35855, AA608925, AI267504, N56791, AW026617, AA813748, H14805, AW183221, AA249548, N35444, N98958, N46634, AI886816, Z83822, D86969, AF127774	AI924940, AI650533, AI057572, AI424452, AI087991, AI674568, AA282264, AI638589, AW044688, N25211, AI291941, AA687274, AW183909, AA447768, AA453699, AA513691, AI193754, AI362359, H25491, C01395, H88787, AI051462, R40823, H89006, AL118765, R58364, AA620624, AA346606, AL039912, AI142134, AR043113	
527	HGBGJ31	874484	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1492 of SEQ ID NO:527, b is an integer of 15 to 1506, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:527, and where b is greater than or equal to a + 14.	AW269339, AI631650, AI743766, AW071647, AI141513, AI141515, AW183591, AA759305, N66691, N56903, AI206817, AI1703230, AW263621, N32112, AI377705, N24656, N32124, N35855, AA608925, AI267504, N56791, AW026617, AA813748, H14805, AW183221, AA249548, N35444, N98958, N46634, AI886816, Z83822, D86969, AF127774	AI924940, AI650533, AI057572, AI424452, AI087991, AI674568, AA282264, AI638589, AW044688, N25211, AI291941, AA687274, AW183909, AA447768, AA453699, AA513691, AI193754, AI362359, H25491, C01395, H88787, AI051462, R40823, H89006, AL118765, R58364, AA620624, AA346606, AL039912, AI142134, AR043113	

			NO : 527, and where b is greater than or equal to a + 14.	
528	HCRMF12	874485	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 307 of SEQ ID NO:528, b is an integer of 15 to 321, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:528, and where b is greater than or equal to a + 14.	AA973353, AW242590, N64735, AI681375, N40554, H87833, AA358852, T95005, T94951, AI434777, N91747, AI446623, AA225380, T73016, AA297496, AA650455, AA584756, AI309059, H77386, AA321010, AI251809, AA015948, AA634071, N51140, AW020891, AI032411, AA640563, T12424, T52786, R70884, X84712, AI000314, AI834262, AA629939, AA368749, AI358557, AA496309, AW384076, W81359, AA446645, AA372389, AA338238, AW271071, AI701898, AA573000, AT281622, H91062, AA229823, AI147511, AI627917, AA218835, AA947352, AA338237, AA932787, H87818, AI753131, AI668566, AW277240, AI751698, H91358, H91047, AA351868, AI67959, AI002863, AI819391, AI733523, AA228979, AI345256, AI940546, AA807704, AA649174, AA383937, AA935827, AW384100, AA496941, AI620666, AA507990, AA653881, F23268, AI689135, AW029626, R92703, AI888050, AA626828, H57752, AA196287, AC005722, AC005826, AC005702, AL049539, AF205588, AL022165, AC004686, AC005859, AC012085, AL031280, AL031287, AC005368, AL117355, AC005737, AC000086,
529	HCQDD11	874486	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 800 of SEQ ID NO:529, b is an integer of 15 to 814, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:529, and where b is greater than or equal to a + 14.	

	AC004593, AL022329, Y10129, U91629, AC005901, AC004662, AL031846, AC007253, AP000355, U18271, AC005539, AC007637, AC002402, AL024507, AC007263, AL021940, AF013593, AC004147, AC003688, AP000144, AC005297, Z92844, AP000156, AL109667, AL031737, AL035071, AC007656, AC005940, Z93023, AJ006345, AC008044, AC006459, AC006130, AC002400, AP000014, AL050318, AL122126, AC004617, Z98742, AC004884, AC005005, AC002073, L40817, AL031407, AL049709, AC002418, AL031602, AC004386, AC006468, AC006449, AC009501, AL132712, AL031685, AL133249, AP000557, U62317, AC006059, AP000347, AC006062, AC005015, Z84466, AP000493, Z73900, AC007671, L44140, AC000159, AL031657, AC003070, U96629, AL109847, AC007052, AC006254, Z68756, AC005480, Z84487, AC006992, AC003071, AL135783, AL133371, AL079340, AL031286, AC005740, U92032, AC007066, Z9518, U60205, AF222686, AL031587, AC004913, AC005076, AC004750, AC004915, AC007421, AC004647, AL031283, AL021977, AC006368, AP000310, AC0000397, AP000116, AL035551, AC020663, AC007283, AC007092, AB023054, AL080317, AL049759, AC004079, AC004882, Z98052, AL133312, AC002430, AC007842, AC003107, AC005355, AC005484, AC007384, M91159, AL096774, AC007436, AC006441, AC004083, AC012627, AC004837, AB002155, AL031121, AC002310, AC005486, AC005179, AL022726, AC004106, AC006088, U02057, AL133163, AC007245, AC004910, AC006101, AL109980, AF049895, AC003081, AC007189, AC006222, Z95152, AC005585, AL031176, AC005365, AC000353, AP000356, AC004922, AC001231, AC005829, AC005081, Z82976, AC004081, AL023575, AL049634, AC005924, AL031656, AC003963, AJ006996, Z73417, AL096712, AL109839,
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			AC005921, AC004668, AC004865, AP000346, AF047825, AL031003, AL022323, AC000028, AC005833, Z95331, AC004671, AC006141, AL022337, AL022336, Z99496, Z97876, AC004638, AC006126, U89336, AC003015, AP000248, AL117344, AP001068, AL035460, AL031662, AC007207, AF186194, AC003030, AC005876, AC005358, AC005332, AP00165, Z97987, AL049544, AC005232, AP000695, AL034351, Z97198, AP000696, AC002470, AC009784, AL034397, AC009247, AL031577, AL117258, AC002381, AL049872, AC006148, AD000812, AC004703, Z92546, R87098
530	HCRPA46	874492	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 312 of SEQ ID NO:530, b is an integer of 15 to 326, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:530, and where b is greater than or equal to a + 14.
531	HCRPV94	874495	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:531, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:531, and where b is greater than or equal to a + 14.

532	HCRPX62	874498	Preferably excluded from the present invention are one or more polymucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 602 of SEQ ID NO:532, b is an integer of 15 to 616, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:532, and where b is greater than or equal to a + 14.	R16588, R16531
533	HFKIJ16	874499	Preferably excluded from the present invention are one or more polymucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 635 of SEQ ID NO:533, b is an integer of 15 to 649, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:533, and where b is greater than or equal to a + 14.	AI380837, AI927431, AF216312, E13203
534	HL1SB93	874503	Preferably excluded from the present invention are one or more polymucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:534, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:534, and where b is greater than or equal to a + 14.	AI357582, AI741646, AI820619, AI627793, AW009919, AI017918, AI798971, AI860948, AW206216, AI128098, AA740516, AW006828, AI422019, AI401225, AI088674, AA568539, AI042028, AA936376, AI612768, AI223316, AI077637, AA825608, AA441918, AI400740, AI474329, AI224142, AA937106, AI767035, AI290559, AI436175, AI300696, AA456524, AA815007, AI219458, AI400537, AI421335, N98878, AA902406, AA455161, N52185, H97557, AI002655, AA919015, AI572174, N90331, AA442028, H98458, AI000140, AI792015, H98592, T11461, H92440

535	HDTLA27	874504	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of SEQ ID NO:535, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:535, and where b is greater than or equal to a + 14.	AI816386, AW247209, AA444018, T80511, AW163217, AI815446, AA338622, AW163745, AA359841, Z41863, AA634523, AA621265, AI884383, AA338360, AB023049, AP000513, AC006049, AP000512
536	HCHCJ20	874505	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:536, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:536, and where b is greater than or equal to a + 14.	AW339982, AI827788, AI627750, AL038656, AI888509, AW156877, AI094580, AI963436, AI634293, AI891103, AW080820, AI910949, AW009916, AW338663, AA514770, AL037705, AI924086, AI951034, AI025380, AL038657, AI703238, N47212, AI688623, AI091742, N57407, AI188387, N32312, AA860531, AA863007, AA532789, AW188451, N66542, AI306506, W32410, AW188660, AA601517, AI304931, AW338673, AA912494, C75275, AI050054, AI075117, W15332, W32856, AW084306, AW081448, W37293, AA889232, AI302660, AA902855, AI888343, AA507932, AA987475, W39423, AA938584,
537	HLDG81	874506	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1220 of SEQ ID NO:537, b is an integer of 15 to 1234, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:537, and where b is greater than or equal to a + 14.	AW339982, AI827788, AI627750, AL038656, AI888509, AW156877, AI094580, AI963436, AI634293, AI891103, AW080820, AI910949, AW009916, AW338663, AA514770, AL037705, AI924086, AI951034, AI025380, AL038657, AI703238, N47212, AI688623, AI091742, N57407, AI188387, N32312, AA860531, AA863007, AA532789, AW188451, N66542, AI306506, W32410, AW188660, AA601517, AI304931, AW338673, AA912494, C75275, AI050054, AI075117, W15332, W32856, AW084306, AW081448, W37293, AA889232, AI302660, AA902855, AI888343, AA507932, AA987475, W39423, AA938584,

			AA974132, F34503, AI621117, N27606, N90139, AA987821, AA916382, AI1299905, AA953919, AI282708, AI473985, AI803426, AW028183, AA825320, AW173786, AW338830, AI921646, AW157842, AA854048, AA910245, AA855143, R39105, AA989409, T28851, W37827, R63566, AW178890, AI673106, C75395, AA887708, AA885915, H19457, AI273149, AA911486, AW265368, H42573, AI457300, R63520, AA772638, AI824046, AW194001, AA548768, T11298, AA813624, N91931, AI811441, AI476381, AW080982, C75171, C01891, AA084007, AI554233, AA384963, F29838, AL042009, AL039390, AL046681, AL046137, AI358612, D45781, M25160, AF153191, X03747, U16799, AF202048, AF202049, M25159, X03883, X61433, J02701, Z99758, M75030, Z11797, U17061, J02787	AI985974, AI831129, AI701918, AI469233, AW007649, AI683794, W52775, AA921832, AA599078, AI000597, AA604667, AI669164, AI022848, AI620402, AA747513, AA713994, W52450, AI971470, AI351325, AI678922, AA852738, AI025094, AA809319, AW183139, AI700796, AI867406, AI290796, AA721118, W58770, AW001013, N67520, AW089434, AI968630, AA812494, AI468826, AA172207, AA172212, AI608636, N85575, AA173900, N84394, AA827709, AA173877, AA089754, C75113, AA335629, AI142956, AW103098, US1920, X86373, X16318, X16319, AL049776, U29893	AI963808, AA527662, AI033700, AA811422, AI859767, AI277778, AI160624, AI458035, AA505696, AA227191, AI538253, AI301401, AA936616, AA460108
538	HPMLY88	874508	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1525 of SEQ ID NO:538, b is an integer of 15 to 1539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:538, and where b is greater than or equal to a + 14.		
539	HIDAC50	874518	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 774 of SEQ ID NO:539, b is an integer of 15 to 788, where both a and b		

		correspond to the positions of nucleotide residues shown in SEQ ID NO:539, and where b is greater than or equal to a + 14.	
540	HLYCA01	874519	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 860 OF SEQ ID NO:540, b IS AN INTEGER OF 15 TO 874, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:540, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.
541	HCRNF16	874522	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 535 OF SEQ ID NO:541, b IS AN INTEGER OF 15 TO 549, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:541, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.
542	HOEKX93	874524	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY

		<p>the general formula of a-b, where a is any integer between 1 to 453 of SEQ ID NO:542, b is an integer of 15 to 467, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:542, and where b is greater than or equal to a + 14.</p>	<p>AI381790, AI708035, AA873199, AI301703, F21391, AW173369, AI018646, AI582667, AI581643, AI208881, AA908672, AA478298, AI093955, AI718804, AI675351, AA513024, AA977944, F22481, AA533319, AA532461, F16466, AA532891, AA588257, AA558343, AI382749, AA459680, AA587292, AA371783, AI581617, AA584023, AA459802, H43956, AI719400, AA3320701, AA335295, H43908, AA365844, AI247163, C06460, AI581856, AI253013, AI344895, AI275296, AI251230, AI224758, AA364498, AI254294, H26864, AI250090, AI270854, F28916, AA536033, F23489, AI202611, AI223525, AI270980, AI434794, AI349890, AA327611, AA319916, F18547, F30398, AA708206, AA594821, F36609, AA640695, AI306848, AI306179, AW302783, AI318243, AI305366, AA878097, AA335481, D45451, AW268320, C20940, D45370, AR030258, AI254412</p>
543	HTTFP72	874527	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1197 of SEQ ID NO:543, b is an integer of 15 to 1211, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:543, and where b is greater than or equal to a + 14.</p>
544	HCRND05	874528	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1449 of SEQ ID NO:544, b is an integer of</p>

			15 to 1463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:544, and where b is greater than or equal to a + 14.	
545	HCRNP66	874529	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:545, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:545, and where b is greater than or equal to a + 14.	AW392670, U46347, AL119457, AL134542, AL134531, AL134536, U46350, AL134527, AL043003, AW363220, AW384394, AL134533, U46351, AL119324, AL119443, AL119396, AR066494, AR069079
546	HAPCK19	874531	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:546, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:546, and where b is greater than or equal to a + 14.	AI885516, AI547325, R24895, AW363358, AI547326, AA164922
547	HWLJN80	874533	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1571 of SEQ ID NO:547, b is an integer of	AA587884, AI767423, AI393280, AI949839, AA446436, AI190288, AI559560, AI682501, AA026445, W52085, AI335906, AI675307, W23537, AI253394, AA918686, W52355, AW270884, AI926314, AI270610, AW129161, AA807077, AI581933, AI766485, AA977638, N74921, N67476, D25717, AA233959, AA446128, AW149000, C02436, AA026248

		15 to 1585, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:547, and where b is greater than or equal to a + 14.	
548	HWMBA0 2	874534  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:548, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:548, and where b is greater than or equal to a + 14.	AA502608, AI478744, AA045217, AI699980, AA813386, AA723372, AI433558, AI052065, AA113200, AA907374, AI424746, AI808683, H59204, AI341585, N69246, AI953729, T90351, AA099980, AI699473, T85849, AI766778, AA836395, AI802324, AI567411, AA630658, AA830372, AA584340, AR067863, U77949, AF022109, AJ223087, AJ009559
549	HCRQI74	874537  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1375 of SEQ ID NO:549, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:549, and where b is greater than or equal to a + 14.	AI346749, AI312720, AW084111, AI816832, AI621243, AI916669, AI309924, AI291557, AI458630, AW451021, AI571801, T26468, AW293308, AI346591, N52354, AL120629, AI824966, AI653039, AI290454, R20343, AI769740, R19490, AA915926, T26467, R43837, AW206912, H11896, W72861, AW206151, AI767801, R43726, W75957, AW196574, AI474938, F11673, AI657200, H41486, AA954054, AA582950, AB014554, AF034800
550	HCRMT48	874540  Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 525 of SEQ ID NO:550, b is an integer of	AI741772, AW294773, AI915533, AW291354, AI745300, H82605, AW293578, AI089050, AA159011, AI660151, AW014671, AI807594, AL137668, AB014603

			15 to 539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:550, and where b is greater than or equal to a + 14.	AI887728, AW057838, AI378621, AI522143, AI016980, AI561130, AI522026, AI005240, AI147473, AI559517, AA256451, C74989, R78188, AI289403, AI681611, AA731944, AI288392, H03832, R78244, AI701420, H03833, R77819, AA256323, AA505824, H01114, AI983828, R99504, R97982, AI686917, AI521228, H01115, R38045, R38042, R38134, AI364612, N56316, AA88634, AA094801, AA995973, AL119484, AL119439, AW392670, U46347, AL134530, AL134519, AL119391, AL119319, AW372827, AW363220, U46350, U46351, AL119444, AL119522, AL119324, AL119443, AL119363, U46349, AW384394, Z99396, AL119497, AL119355, AL119483, AL134528, AL043003, AL037205, AL119401, U46346, AL042544, AL119335, U46341, AL134525, AL119341, AL119396, AL119418, AL134524, AL134518, AL042614, AL119399, U46345, AI142137, AL134538, AL119496, AL043019, AL042542, AI142132, AL042450, AL042984, AL042965, AL042975, AL043029, AL042551, AL119464, AL117441, AB026436, AR066494, AR060234, AR054110, A81671, AR043113, AR069079
551	HDTJ085	874543	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1075 of SEQ ID NO:551, b is an integer of 15 to 1089, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:551, and where b is greater than or equal to a + 14.	AI694131, AW005239, AA669418, AW271760, AI683493, AW002988, W74758, AI291081, AI760408, AW168256, AI338063, AI522303, AA503641, AW197676, AI863389, AI025917, R69505, AA765402, AI932989, H11347, AI916985, AI866944, AI084550, AI702087, AW294510, AI932986, AA047533, AI025180, AI924998, AA835901, AA335987, R45671, R72219, H17624, H23220, R76654, R44622, R72176, W74574, R46347, AA962190, R19347, R70396,
552	HIBEM35	874544	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1924 of SEQ ID NO:552, b is an integer of 15 to 1938, where both a and b correspond to the positions of	

		nuucleotide residues shown in SEQ ID NO:552, and where b is greater than or equal to a + 14.	R46437, AA249440, AW407351, AA351687, AA641292, AF150438, AI341777, AW407338, H17735, D20604, AC007327, AF161370	
553	HE9QB35	874545	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:553, b is an integer of 15 to 1442, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:553, and where b is greater than or equal to a + 14.	AI129333, AI300186, AA706487, AI623322, AW194754, AW140108, AI093486, AI936395, AA587424, AI521778, AI222194, W81371, AA905044, AW197515, AA873606, AA075771, W81629, T29810, AC009336, X15507, X56561, M87803
554	HCHMSS5	874546	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1432 of SEQ ID NO:554, b is an integer of 15 to 1446, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:554, and where b is greater than or equal to a + 14.	AW245678, AW247182, AI972593, AW246638, AL039113, AA635532, AI739027, AW016854, AW016300, AI394048, AI142833, AW068260, AI669080, AI420874, AI080193, AA503817, AI343289, AW016301, R52416, AI239958, AA455481, R61423, W45615, AI739277, AI378464, AA883161, R52409, AI857686, AW068167, AW005773, AI337451, AW190775, AI2666065, AW246010, R61381, AI241567, AA719327, AI640171, AI277571, AA324050, AI680628, AI758157, AI916131, AA782879, AI471730, R48703, AI865368, R48600, C75567, AI686454, T27923, W45561, AW070713, AW189143, F01282, AI611716, AW088956, AW188521, AI207844, AA639474, AI423701, AA455480, AA379331, C17774, AI972471, H26054, AW175761, AA455552, H73885, AI708130, AL042382, AL042544, AL119457, AW008166, AL119399, AL079794, AL119511, AL138457, AL043168, AL043152, AI471361, AW085786, AW073681, AI688853, AI524677, AI597918, AI567612, AI376872, AI348914, AI686926, AI866131, AI472536, AW117926,

AI636619, AW006046, AI250369, AW089122, AI281757, AW081255, AI590423, AW149092, AL040694, AI684234, AI865931, AI862144, AL038529, AI828574, AI570966, AI698427, AI468930, AI434741, AI336575, AW151136, AI281782, AI608988, AW089275, AI473451, AI540606, AL119324, AI8666751, AI872423, AI819106, AI358456, AI553645, AI284084, AW087193, AA814407, AL045349, AI690946, AI6233379, AI624671, AW151948, AI799195, AI891125, AL079741, AL041220, AI88621, AI564247, AW150578, AL042515, AI954130, AI828818, AL041150, AI634477, AI783530, AI347701, AW087901, AI284131, AI289542, AI573026, AA908294, AI500061, AW051059, AI042488, AI866798, AA641818, AI873613, AI282319, AI801325, AI358209, AW162194, AI6233941, AI758437, AI801322, AI584153, AW105601, AI832457, AW131999, AI590624, AI050881, AI933001, AI250293, AW130930, AI570169, AI923989, AI581033, AW148320, AL036673, AW243886, AW103442, AI866770, AW081515, AI433157, AI702073, AI612750, AI432736, AW081653, AI619754, AI916419, AI866608, AI859991, AW149287, AL040207, AI634251, AW088560, AI119791, AW051088, AI890907, AI679550, AI539800, AI434020, AI671679, AW104141, AI633125, AI309244, AI698391, AI690480, AI368943, AI538564, AI525669, AI250627, AI160954, AI915291, AW152182, AA012905, AL042866, AI914862, AI866801, AI560683, AW151892, AI249800, AI446124, AI582932, AI520946, AI288305, AI865334, AI521560, AI889189, AI862142, AI473536, AA449768, AI863382, AI475430, AI609684, AI866469, AI336633, AA502794,
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	AI345567, AI884318, AI445990, AI445679, AW238688, AI499986, AW104062, AI479165, AA744531, AW193141, AI559312, AI539560, X55039, X05299, U35655, X55038, E04057, U20951, AF002714, U00763, AL117432, U01145, U77594, Y11587, M81784, X72889, AF061943, X56039, X98834, AF094480, U72620, I89947, S69510, AC006336, AF106862, E02253, S74156, S68736, AF113699, X99257, I48978, AL133093, AC005291, AR038854, A08913, AF043493, AL137660, AL137526, A08912, A08910, AL137539, A18777, A08909, I09360, AL133606, A08908, AF132676, AF061836, X52128, A08916, AL133568, U00686, AF040751, AL133016, U91329, AL122106, AF090896, AF017152, AL133113, AL133558, S83440, AL137658, E12747, AF061573, AF091084, I89931, I26207, AL117460, AR059883, AL117648, I49625, AL137271, AL110296, A08907, AL133637, AL137529, I09499, AL137273, S76508, AL110218, I89934, AF118064, AL049283, AL122050, U90884, AL133081, AF079763, AL080158, I66342, AL049460, AR038969, X80340, S77771, AL133014, AL133072, AL133560, AL110196, A77033, A77035, AF087943, AL110222, AL050172, AL117416, AF031147, AL137459, AL137533, AL050155, AF102578, AJ005690, U88966, AF111112, S61953, I96214, AR034830, AF065135, AL133565, AL133557, X92070, E07108, AL137555, X87582, AL122111, AL117583, U68233, I92592, AF205861, AL080137, X63574, AF111849, I41145, U62317, U92068, A52563, AL117578, I48979, AL137294, E02221, AL122121, AF026816, I19437, AL080154, AL137574, AF061795, AL137712, AF151685, E15582, AL137550, AL133665, AF030513, AL050138, AL137292, AF032666, AF182215, X96540, A08911, I89944, AF017790, Y16645, AL049300, AL137557, AL050024, AR029490, AF069506, AL133624, AF079765,
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			AF090903, AL023657, AL096744, AF061981, AF185576, AL122118, Y07905, AL096751, AF057300, AJ012755, Z97214, AF057299, S78214, 100734, AL137705, X72387, I03321, E00617, E00717, E00778, AL117629, AL137547, AF180525, AL137665, AL137429, AF110329, X06146, AF051325, I42402, AL122098, AL117649, AF090886, U87620, Y09972, AL122045, AF125948, AJ003118, AL137527, AF104032, AL133619	AI123591, AA625223, AI088420, AI200451, AI863514, AI767379, AI749134, AI863526, AI339791, AI280973, AI280895, AA053166, AA558472, AI355115, H21596, F13615, N85138, AA088517, AW242425, AI148692, C00944, X90563, AF033103, AF033342, AF033343, U63415, U79012, L40904, AF156665, AF156666, AB011365, AF059245, AF103946, AJ006756, AJ006757, Y12419, Y12420, AR030509, U01841, U09138, Y12882, U84893, AB019561, D83233, U01664, U10374, Z30972, AJ243133, AJ243132, AF013266, AB005525, AB005526, AB005524
555	HCRPG51	874550	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1264 of SEQ ID NO:555, b is an integer of 15 to 1278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:555, and where b is greater than or equal to a + 14.	AI123591, AA625223, AI088420, AI200451, AI863514, AI767379, AI749134, AI863526, AI339791, AI280973, AI280895, AA053166, AA558472, AI355115, H21596, F13615, N85138, AA088517, AW242425, AI148692, C00944, X90563, AF033103, AF033342, AF033343, U63415, U79012, L40904, AF156665, AF156666, AB011365, AF059245, AF103946, AJ006756, AJ006757, Y12419, Y12420, AR030509, U01841, U09138, Y12882, U84893, AB019561, D83233, U01664, U10374, Z30972, AJ243133, AJ243132, AF013266, AB005525, AB005526, AB005524
556	HKMLN95	874551	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1987 of SEQ ID NO:556, b is an integer of 15 to 2001, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:556, and where b is greater than or equal to a + 14.	AA551127, AI692457, AI74951, AI949762, AI129348, AI631959, AI672100, AI609235, AI692456, AI950134, AI651144, AW189207, AI935651, AA868261, AI151427, AA044198, W63627, AI521732, AI949853, AA161274, AI708643, AW300441, AI015909, AA868518, AI962729, AI150783, AA595810, AI281874, AI819752, AI479243, AI745688, AI341421, AW027973, AW022195, H99174, AA132312, AA429830, AA070213, N52408, AA442125, AW016589, AI913890, AA856798, AI745679, AI554270, AA554278, AA161275, AA702375, N24457, AA969821, AI633327, AA070298, AA699477, AI458226, AA043064, AI982949, AW439708, AI687133, AW272645, AA946996, AW177545, AW341771, AW177556,

			AI342767, R99590, N95053, AI074359, AW402507, AI630618, R43298, H84183, R25323, AA557498, AA446257, AW243239, AI583569, AW194714, AA551069, R92184, AA714014, AA557798, AI433955, AI824194, N66444, R87671, T57874, T57956, AA313194, AI208421, AI921595, AA027072, AA156655, R87665, AI370681, R14400, AA352103, R87659, AA860614, AI140574, R24026, N58584, R87672, Z38717, AI870045, AW151040, AI277638, R84296, AA542839, R92288, AA307482, AI954284, AI472463, AI6322684, N67635, AA442124, R18926, R84303, N72814, AI472552, AA876334, Z42525, R84309, T94235, R26521, AA091407, T263330, AA565557, AA609829, N53150, AF078850, U81186, AF064635	AI654054, AA777790, AW118831, AI807933, AA204912, AI750036, AI922319, AA307744, AW149710, AI1220354, AA954881, AA037461, AW021718, AI369003, AA446479, AA812671, AI796412, Z43835, D62485, AI119559, Z39900, AI978951, AA852817, AA319686, AA852816, AL039953, AA430172, AA609927, T35357, T35321, AA383343, R58429, AI184697, N86760, R43365, F07307, R17649, AF064104, AC006024, AC004899, AC006344	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2653 of SEQ ID NO:558, b is an integer of 15 to 2667, where both a and b correspond to the positions of
557	HMIAD35	874552	AI342767, R99590, N95053, AI074359, AW402507, AI630618, R43298, H84183, R25323, AA557498, AA446257, AW243239, AI583569, AW194714, AA551069, R92184, AA714014, AA557798, AI433955, AI824194, N66444, R87671, T57874, T57956, AA313194, AI208421, AI921595, AA027072, AA156655, R87665, AI370681, R14400, AA352103, R87659, AA860614, AI140574, R24026, N58584, R87672, Z38717, AI870045, AW151040, AI277638, R84296, AA542839, R92288, AA307482, AI954284, AI472463, AI6322684, N67635, AA442124, R18926, R84303, N72814, AI472552, AA876334, Z42525, R84309, T94235, R26521, AA091407, T263330, AA565557, AA609829, N53150, AF078850, U81186, AF064635	AI654054, AA777790, AW118831, AI807933, AA204912, AI750036, AI922319, AA307744, AW149710, AI1220354, AA954881, AA037461, AW021718, AI369003, AA446479, AA812671, AI796412, Z43835, D62485, AI119559, Z39900, AI978951, AA852817, AA319686, AA852816, AL039953, AA430172, AA609927, T35357, T35321, AA383343, R58429, AI184697, N86760, R43365, F07307, R17649, AF064104, AC006024, AC004899, AC006344	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2653 of SEQ ID NO:558, b is an integer of 15 to 2667, where both a and b correspond to the positions of
558	HSYAM68	874553	AI342767, R99590, N95053, AI074359, AW402507, AI630618, R43298, H84183, R25323, AA557498, AA446257, AW243239, AI583569, AW194714, AA551069, R92184, AA714014, AA557798, AI433955, AI824194, N66444, R87671, T57874, T57956, AA313194, AI208421, AI921595, AA027072, AA156655, R87665, AI370681, R14400, AA352103, R87659, AA860614, AI140574, R24026, N58584, R87672, Z38717, AI870045, AW151040, AI277638, R84296, AA542839, R92288, AA307482, AI954284, AI472463, AI6322684, N67635, AA442124, R18926, R84303, N72814, AI472552, AA876334, Z42525, R84309, T94235, R26521, AA091407, T263330, AA565557, AA609829, N53150, AF078850, U81186, AF064635	AI654054, AA777790, AW118831, AI807933, AA204912, AI750036, AI922319, AA307744, AW149710, AI1220354, AA954881, AA037461, AW021718, AI369003, AA446479, AA812671, AI796412, Z43835, D62485, AI119559, Z39900, AI978951, AA852817, AA319686, AA852816, AL039953, AA430172, AA609927, T35357, T35321, AA383343, R58429, AI184697, N86760, R43365, F07307, R17649, AF064104, AC006024, AC004899, AC006344	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2653 of SEQ ID NO:558, b is an integer of 15 to 2667, where both a and b correspond to the positions of

		nucleotide residues shown in SEQ ID NO:558, and where b is greater than or equal to a + 14.	AW007921, AA301332, U77129
559	HDPAM86	874556	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2593 of SEQ ID NO:559, b is an integer of 15 to 2607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:559, and where b is greater than or equal to a + 14.</p> <p>AA404235, AA452200, AI859555, AA629933, AI700486, R60866, AW192693, AI753505, AI609216, AW368608, AI681136, AI160089, AL039630, AA862328, AW084706, AI075205, AW339497, AI760883, AI339567, AW022639, AI806967, AA179268, AI365066, AA642409, AW105685, AI339346, W26428, AI953837, H72654, AI061344, W28185, AI796053, AA401261, AW118568, AI560224, N98233, AL045364, W35399, AI874187, R73919, T74450, AI140449, AA007193, AA401871, AI360268, N40604, AW406981, H03740, AI024161, AI000213, R41873, H63466, H97548, AA180475, W58764, T89579, AA181254, AA749384, AI248677, AI933404, R54609, H56233, H52952, AI916328, W02598, AA748000, R17258, AD313579, AI962042, H78864, AW402957, AA730015, W76051, H56151, W60542, F06063, AW316616, AA296128, F12545, AI672647, AI695696, AA179415, AI889968, AI364585, AA837995, H63411, AA323911, T81755, W933331, R69604, H63813, H78323, H93943, AI085812, H93944, N27831, H98470, W33012, W95035, T29602, H78324, H96072, H71380, AW392290, F10164, T81118, R67287, T89852, H02847, R13407, F08385, Z38983, N73611, AA090302, R52513, AW269661, R96535, D62732, AW075559, T81172, AI205920, R40919, R00249, T85548, AA179722, R52562, AA398464, AI609360, T58300, T85220, F04606, R58657, F25602, AW243073, AI950069, AW151501, W28479, R60285, R69694, AW249461, AA641818, AI445620, AI554343, AI963846, AL040011, AI886123, AI690813, AW194014, AI677824, AA911767, R92109, AW084447, AI864836, AW029186, AW148544, AI491842, AI698401, AW130356,</p>

	AI571699, AI872423, AW088560, AI581362, AI886440, AI288285, AI610667, AI439452, AW182790, AA872507, AI624304, AI918554, AI473554, AW080992, AI469270, AW166937, AI345416, AI345612, AI524179, W46493, AL138386, AI863382, AI539153, AW089275, AI345415, AW080298, AI049669, AW025279, AA514684, AI932794, AI866770, AI609069, AI476046, AA908294, AI927233, AI493032, AI886055, AI950729, AI432969, AI887765, AI784214, AI285439, AW130534, AI570169, AI453248, AI073952, AI536563, AI619813, AI860027, AI446373, AI270295, AI334714, AI419650, AI961589, AA761557, AI612750, AW150008, AI919500, AW263569, AI860697, AI554411, AW026425, AI632391, AI590043, AI683475, AW029294, AI890907, AA878790, AI564426, AI553645, L23959, A38388, Z77249, U78796, L40386, U58192, 189947, X63162, AL137550, AP000247, AL137529, AL137294, AP000130, AP000208, AF118090, AL110158, U88966, AL136842, AL137480, AF047716, E12747, AL117435, U91329, AL133072, AR038854, A08913, A08912, AL080086, I48978, E02349, S76508, A08916, A76335, X56039, AF090901, S77771, U62966, A08910, AL137537, A08909, E08631, AF158248, AL049300, A865558, A08908, AL137530, A08907, X70685, AR029490, AR011880, X82434, AF215669, I33392, AF141289, AB007812, AF039138, AF039137, AL050155, AF106657, AJ005690, AL080124, A18777, 189931, I32738, AL110225, X57961, AL050108, AL110280, I89934, I49625, AL049996, AL133640, AL049466, S83440, AF032666, X63410, U49434, A27171, Z97214, AL050366, AL137533, AF008439, AF067790, AL050277, AL137640, Y11587, A77033, A77035, AF087943, X80340, AL117416, AF183393, M86826,
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	Z37987, Y14314, AF199027, S79832, AL137527, AL096751, AF022363, AF104032, A08911, AL133010, AL080060, AR034821, AL080234, AL080162, AF061795, AF151685, Y07905, AL137292, AL122121, AL133568, AF113690, AF090934, AF017437, AL080156, AL133560, AF113699, AL117460, E06743, AF090900, I09499, AL122093, AJ012755, AF026816, L04849, D89079, AL117583, X84990, AL133075, AF090903, AL023657, U68387, AL137656, U78525, AL050393, U42766, AL133665, A03736, AF106862, AL137479, AL110218, D83032, AR053103, A15345, I79595, AF002985, AL122110, AF113694, AF106697, L119437, AF113677, AL050024, E03671, AB016226, AL137271, AL122106, Z13966, AL137711, Y09972, L31396, AF1177401, AF185576, AL133113, L31397, I89944, Y10655, AL137459, AL133016, AL080140, AL050138, AC004200, AF028823, AF126247, AF067728, X87582, X06146, AL096744, AF207750, Y16645, AL049938, A65341, I48979, AL133080, AL122050, U90884, AL050172, AF079763, X55446, A93350, AL050116, U00686, AF117657, AF040751, X83508, X81464, AL049464, AL133637, AF175903, AF118070, AL137478, AL080159, AL080154, U95114, Z82022, AF200464, AL133624, AL117585, I17544, AF017152, AL122100, AL137558, AF061981, AL133619, D16301, U35846, Y08769, AL137539, AF111112, AL110171, AR013797, X66871, E05822, AL110196, AJ0000937, A83556, Y10936, AL049430, Y13350, Z72491, E12806, AF153205, AL133557, AL049347, AF139986, AL133112, U49908, D55641, AL122049		
560	HNTMD17	874559	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

		<p>is any integer between 1 to 1823 of SEQ ID NO:560, b is an integer of 15 to 1837, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:560, and where b is greater than or equal to a + 14.</p>	<p>AW248798, AA716253, AI275839, AI122970, AI453068, AI768147, AA844253, AA718935, AA725825, AA199845, AW268712, AA682515, AW339219, AI498394, AW339546, AA772711, AI445896, AA719969, W60548, AA917362, Z39539, AI003641, AW084055, AW084063, AA251094, T77877, AI536979, R15292, Z45463, AI942282, AA506048, AI623949, F03470, F07768, AA838154, F04328, AI611294, Z42543, H22527, AI674943, F02062, Z40852, AI364258, AI962091, R42198, Z44339, AI025438, AA452910, AW235780, AA091738, R58217, F06562, W04953, AW377760, N45999, N55694, AI985580, AL117543</p>
561	HEEAX65	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1668 of SEQ ID NO:561, b is an integer of 15 to 1682, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:561, and where b is greater than or equal to a + 14.</p>	<p>AL135284, AW195652, AI492172, AW300531, AI334056, AI921269, AI017419, AI079507, AI138956, AI499016, N62394, N80209, N79360, AI934188, R99318, T72655, AA484807, AW439501, AW449451, AA041502, AA041403, R99412, W38499, T72723, AI673139, AI868062, AI457467, AI572468, H95855, X04325, I76175, X04070, AJ271753, M81447, X84215, M63802, X95311, X04303, L36875, M23565, L47127</p>
562	HHFJL44	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1680 of SEQ ID NO:562, b is an integer of 15 to 1694, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:562, and where b is greater than</p>	<p>AI652047, AI796497, AI147530, AI628634, AI806666, AI126419, AI953655, AI651464, AI077355, AI147621, AA976545, AA406366, AA406459, AA234150, AA854449, AI458532, AI359880, R70839, AI766906, AW015806, AI935550, W15483, AA431949, AA443829, AI040405, AA476397, R79122, R83810, AI628751, AI868325, AW058660, AA663713, AI459031, AI984404, AI026812, H24631, AW020576, AW196384, R23619, AA127834, AI264888, AA476377, R73980, C20836, AA737872, Z38948, R21531, H01785, R21639, R23700, R26172, H04400,</p>

	or equal to a + 14.
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F06029,	R70786, AA476346, H24594, AA476327, AA234980, AA657835, AW157005, AI028510, AA992126, AB865262, H79308, AW274349, AI051037, AA719292, AW302659, AW302705, AI061313, AA503600, AL038705, AA679634, AA838190, AW021583, AI284640, AW303196, AA578695, AW245747, AW301350, AA644090, AI1818231, AW081194, F08248, AI572924, AL046409, AI687343, AI754955, AW168453, AL042853, AI110770, AI081147, AI002744, AI434695, AA287550, AA808337, F12561, AA631507, AW275719, AA491814, AW265735, C15363, AI554718, AI281881, AA581903, AA584145, AA453558, H18914, AA629540, AA468022, AA468244, AA402129, AW302013, AW028392, AA904275, AA513544, R17793, AA508359, AW410354, AI886432, AA580808, DB3989, X55923, X55931, X55924, I51997, AF015156, Z49816, AC006374, AC004987, AC000066, AF001549, L47124, AC007324, U67829, AC005815, Z98046, AL031054, AL022147, AJ010770, AC008079, AC006336, AL121603, AF227510, AC003692, AC006277, AF106202, AL022400, AL032822, AC004066, AC005747, AC005387, AC005154, Z696666, AC006241, AC007214, AC007437, AC005911, AC004603, AC003683, AC007043, AC002430, AC006568, Z82210, AC007193, AL008716, AC005578, AC002549, AL034420, AC006005, AL021546, AC007384, Z97205, AC006037, AL050341, AL049829, AC007298, AL031295, AL096861, AC004638, AC008064, AL031311, X75335, AF123462, AL096776, AC005242, AL033381, AC004945, AL033543, AP000298, AC005019, Z98742, AP000365, AC005488, AC002289, AC007425, AC004006, AC006130, AC005699, AC004478, AC010202, AL035608, AC006998, U91328, AP000359, AC008101, AB026584, AC006213, AC003007, AC005603, AC005251, AC005829, AC003108,
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		AP000459, AP000049, AC003104, AC005393, AC006596, AC007263, AC007011, AL133371, AP000311, AC004029, AC006057, AC000052, AC004592, AL109985, AC006344, AC006292, AB020859, AC018769, AL008709, AL080243, AL133399, AL049853, AL035415, AC004986, AL022320, Z98051, AC007385, AC003664, Z84469, AC007245, AC004833, AC004465, AC004210, AC005784, AC004650, AC007877, AF041427, AL035411, AC008012, AL021977, U66059, AL049544, AC008055, AF039907, AC004069, AC005022, AC005295, AP000962, AC002531, AL050401, U63312, U95742, AC002509, AL031777, AC000003, AP000140, AL078639, AC005632, Z86061, AL078477, AC004940, AP000088, AC008116, AC006288, M22900, AL022722, AC002385, U63630, AR036572, AL034408, AL035448, AL022328, AP000508, Z97634, AL023882, AC004675, AF088219, AL022336, AC006155, AL110292, AL121934, AC003003, AC005703, AC004388, AC006210, Z99570, AC004626, AC007564, AC006271, AP000204, AP000126, AL031286, Z84470, AC004643, AC005962, AC004551, AL034371, AL096775, AC006071, Z98304, AL022163, AI219645	AL110396, AA331926, AA984573, AW360879, AW360978, W79191, AB018255
563	HWHGD94	874562	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 935 of SEQ ID NO:563, b is an integer of 15 to 949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:563, and where b is greater than or equal to a + 14.
564	HWLAC81	874563	Preferably excluded from the

		present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 489 of SEQ ID NO:564, $b$ is an integer of 15 to 503, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:564, and where $b$ is greater than or equal to $a + 14$ .	AF180322, U06641	
565	HWLEQ08	874564	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 360 of SEQ ID NO:565, $b$ is an integer of 15 to 374, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:565, and where $b$ is greater than or equal to $a + 14$ .	L02785, AR052312, AC005046
566	HSQDM57	874565	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1638 of SEQ ID NO:566, $b$ is an integer of 15 to 1652, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:566, and where $b$ is greater than or equal to $a + 14$ .	AI807430, AI676072, AI749532, AI887309, AA513783, AA837010, AA528036, AI452482, AW089714, AI743490, AI590949, AI911647, AI625817, AI819148, AI924914, AI761418, AW152378, AI818810, AI290928, AW241750, AI680714, AA485530, AI638802, AI735658, AW130312, AI000556, AI521413, AI669583, N623339, AA039895, AA948166, AI091096, AW084946, AW139663, AI565004, AA632893, AA514221, AA524664, AA235802, AA865491, AI828293, AI800154, AA470456, AA490345, AW073080, AI244948, AA602956, AA040027, AA640112, AA483492, AA918178, AI276739, C02969, AI627612,

			AA169357, AA514889, H26425, T87972, AA343477, AA723462, R82948, H83098, AI432496, AI581370, H82876, T55847, AW393133, T55897, AW089750, AW393135, AA255742, AI745229, AI962074, AI470335, AI707637, AW013816, H45942, AA343478, AA343718, AA731056, AA903144, AA304118, AA34334, AA603266, AI247243, T10384, AA299545, AA301717, AA235803, AA485373, AW388463, AA169526, AA614843, AI273850, AA587177, AC004686
567	HTEJC93	874567	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1277 of SEQ ID NO:567, b is an integer of 15 to 1291, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:567, and where b is greater than or equal to a + 14.
568	HWLMQ1	874569	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:568, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:568, and where b is greater than or equal to a + 14.

		AI890214, AI679214, AI536685, AI53497, U46349, AI538850, AA641818, 299396, AI690813, AI627874, AI500061, AI969655, AI446538, AW189802, AW059828, AW167155, AI815232, AW384394, AI434731, AI858827, AW198090, AW162189, AI095003, AI637584, AI633125, R39484, AW129106, AI879064, AI699865, AI452560, AW090498, AI890907, AA600363, AI909697, AI686808, AI491775, AW372827, AA836168, AL048656, AW363220, AI923989, AL041772, AI802542, AW022636, AL047849, AI440263, AL048323, AW020270, AL048340, AI581033, AL121286, AL134920, AI274759, AI799313, AW029611, AI698391, AI702073, AI538637, AI472487, AL036265, AI623941, AI628015, AI801152, AI624693, AI135047, AI677796, AL036361, AI345543, AW090429, AI094749, AI433157, AW088698, AI784233, AI224373, AI564719, AL038529, AI973152, AI801325, AI567128, AL119497, AI918435, AI690946, AI342210, AI699823, AW132056, AW089844, AI635492, AW020397, AI540789, AI689033, AI860027, AI635942, AW104724, AI571439, AI564723, AW302988, AI798351, AI801605, AI587114, AI538885, AI872489, AI521128, N80395, AI812107, AI537809, AW075667, AI560545, AW148408, AI587441, AW029401, AI798456, AI670895, AI817373, AW073270, AI524654, AI610690, AI682971, AI469532, AI8666801, AW300889, R20540, U46341, AW087207, AI859991, AI334893, AI432532, AI828583, AW410842, AI687362, AI866472, AI591101, AI609069, AW020419, AI648699, AI287449, AI678480, H41759, AA744531, U46350, AI440238, AI799183, AI538259, AI538764, AI745076, AI244249, AI583065, AI589428, AW152604, AI445829, AW055252, AW162194,
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	AL043293, AI539780, AI493593, AI445025, AL043345, AI632997, AI499325, AI554827, AW086113, AA808175, AI310575, AI500523, AI310582, AI619502, AI049859, AW026882, AL047344, AI475371, AL041150, AI284517, U77594, AR060234, Y11587, AR066494, L10353, AL049283, A81671, M92439, AL137488, A76335, AL117435, AF073993, AL080150, E06743, I48978, AF004713, I89947, Z97214, AL137539, AF097996, AJ000937, Y16645, AL050172, AL110222, AL133080, AF047116, E05822, AF139986, AL133061, AF126247, AF057300, AF057299, I68732, A21103, A08913, AL137548, A77033, A77035, AL137271, AF124728, AL117443, AF177401, AF106862, AR038854, AL122110, AF090934, AF100931, I33391, AF113019, AF090903, AL023657, A18777, M85164, D83032, I28326, AL049300, AR060156, A08912, AL137476, A08911, AL133560, A08907, AF113694, AR054110, AF031147, M96857, AF090900, AL122093, E06798, E06790, E06789, AF140224, AL117635, I33392, I48979, AF038562, AL110221, AL050116, S77771, AF201468, S76508, I79595, AF002985, L04849, X82434, AL049996, A65340, AL110196, A763337, AL080154, AB026436, AL110225, X83508, AL137267, AR011880, A08910, S78214, A12558, AL133637, AL133623, A08909, X66862, A65341, AL050024, AF215669, AL137640, AF115392, AF183393, AL117457, AL050149, AL137533, AF146568, AL080074, AR069079, I89931, AL122116, A08908, AR029490, AF118090, AJ003118, AL122121, AL117429, AR068466, I00734, AL096744, AF067790, AF028823, AL137526, AL117463, AF080068, AL050277, X52128, AL133075, E00617, E00717, E00778, S68736, U78525, AL117575, AR034821, AL133112, X59414, D16301, AL080124, AF111112, AL137478, Z72491, AL110158, AF125948, U42766, AR050959, US55935,
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			AF091084, AL136884, X87582, AL049382, AL133557, I32738, Z35309, I08319, X63410, AL117587, AF087943, U67328, AL117416, AL133624, AL137529, A58545, I09499, AL050146, U72621, AL096751, AB029065, AL110269, A15345, A08916, AF090901, S83456, A86558, AL122050, AF017152, AF039138, AF039137, AL133568, AR038969, X65873, AJ001388, I03321, AC007221, Y17327, AR013797, AF113690, AF076464, L04852, AL137557, X79812, AL133640, I52013, AF111849, AL122100, AF117657, AL110228, AL133113, AL050393, E01614, E13364, AL122049, AL137479, AF090896, X06146, AL110199, A12522, U83980, AL080118, AL049347, AL117644, U76419, A83556, AL137258, AF141289, AL117460, X01775, X99226, I18358, I34395, AL049452, AL137550, AL133665, AJ005870, U49434, AL137298, Y11254, AF111851, AL137459, AF159148, AL1137538, X84990, Z37987, Y09972, A07647, AF199509	AW328196, AI885301, AI304846, AA305101, AA887010, AI805100, AI088777, AI807695, AI700200, AI582267, AA916924, AA707601, AA305064, AA975048, R56174, N35057, W69554, R61513, AI307316, AI858214, AA503755, AI559653, AI269422, AI799075, AI350312, AI308155, W69265, R53277, N91631, AI304832, AI418100, AI141947, AA975077, H08040, AI028322, AI659233, R55901, AA873740, AI366861, AI240182, R39807, R18693, T35958, H14874, AA583775, N68739, R55726, T16796, AI928120, R42071, AA083596, AA921690, F08538, AA401365, AI262465, W20149, T78296, AI797524, R41709, R52623, Z41511, AA962278, AW008743, AA588240, AW078949, AA568364, AI933255, F02418, AA608896, F04283, T35959, R61569, AI874285, R18545, R41531, R18163, H25141, H07934, F04502, T35961, R55816, R18494, R56062, F08274, AA917565, R55741, AI479201,
569	HNSAD12	874570	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2070 of SEQ ID NO:569, b is an integer of 15 to 2084, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:569, and where b is greater than or equal to a + 14.	AW328196, AI885301, AI304846, AA305101, AA887010, AI805100, AI088777, AI807695, AI700200, AI582267, AA916924, AA707601, AA305064, AA975048, R56174, N35057, W69554, R61513, AI307316, AI858214, AA503755, AI559653, AI269422, AI799075, AI350312, AI308155, W69265, R53277, N91631, AI304832, AI418100, AI141947, AA975077, H08040, AI028322, AI659233, R55901, AA873740, AI366861, AI240182, R39807, R18693, T35958, H14874, AA583775, N68739, R55726, T16796, AI928120, R42071, AA083596, AA921690, F08538, AA401365, AI262465, W20149, T78296, AI797524, R41709, R52623, Z41511, AA962278, AW008743, AA588240, AW078949, AA568364, AI933255, F02418, AA608896, F04283, T35959, R61569, AI874285, R18545, R41531, R18163, H25141, H07934, F04502, T35961, R55816, R18494, R56062, F08274, AA917565, R55741, AI479201,

			R12760, AI248995, N45070, T83763, D20863, R41342, F08044, F01990, F06146, AI014439, AI921998, AI253051, AI117555
570	HBJEN48	874571	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 968 of SEQ ID NO:570, b is an integer of 15 to 982, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:570, and where b is greater than or equal to a + 14.  AI684897, AI200892, AI478735, AW274694, AI798122, AI554564, AI554553, AI681112, AA576942, AI281053, AI1311456, AA291322, AI347538, AA291323, AA835642, AI417683, AW015465, AI620444, AI659037, AA731234, AA642457, AA689434, AA731232, AI797545, AI425078, AA947102, AI280944, AA809333, AA732232, AA737649, AA514684, AI335411, AI953765, AL039011, AW005614, AI954721, N29277, AW089006, AW129947, AI870198, AI280607, AI493740, AA848053, AI560679, AW029611, AW020397, AI589428, AI872722, AI475817, AI434242, AI866624, AI538805, AI567968, AI361586, AI241800, AI358685, AI918370, AI401699, AI9572017, AI744243, AI634919, AW169462, AI631796, AI1274553, AA836606, AW151652, AI689614, AI884419, AI538692, AI540606, AI375730, AI583578, AI824557, AI610681, AI699011, AI669015, AI954265, AI689077, AI648502, AI537925, AI634244, AI362637, AI564290, AI826230, AI500113, AI349012, AI318603, AI564144, AW074172, AW303152, AA575874, AI684129, AI345778, AI453328, AI621171, AW080076, AA831984, AI537677, AI701074, AI889306, AL135618, AI620007, AI250627, AW194185, AI539687, AI887214, AI469516, AW129433, AI284020, AI221076, AW102858, AA602479, AW327759, AL047184, AI590943, AI859123, AW192245, AI356065, AI249274, AI520785, AI559558, AI570966, AI682891, AW080326, AI630947, AW008090, AI360560, AI241812, AW265004, W45039, AW080717, AI783861, AI909661, AI452993,

			AI421662, AI829377, AI744279, AI365256, AI687568, AI628254, AW193843, AI567993, AW189777, AI824576, AR028455, U49730, X89986, U34584, AL022237, AF174421, AF174424, AF174423, AF174422, I60573, AL137555, S61953, U72620, I33392, AC004943, AF200416, AL133636, E02756, Y16256, I41145, AL110224, A32826, A30330, A32827, A30331, M27260, AF067790, U79523, AJ010277, A18777, Y11030, AC006197, X52128, AF106934, AF114784, AF019298, AF094480, L40363, X62580, E02152, AF081825, AF028823, AF031147, E12580, AL137554, E08516, AL137294, X80340, AL133619, AF144700, AF000167, AL133084, A94751, X84990, U72621, AF000145, U79414, S75997, AL050277, AF111851, AR068466, AF192522, AF182215, X95876, Y08864, AL035458, S77771, A45787, AF043642, X53587, AL122050, AF030513, AC006112, AF044221, AF017152, X87582, U75604, AF030165, AF102166, AF107847, X87224, AF109906, AR029580, AF106945, AF131773, AJ001388, A65336, E12579, AF036941, AL137547, AL133014, L24896, AL137463, X81464, M19658, AF207750, U92068, A59344, X89102, AF159615, AL122098, AB007812, I66342, AF180525, E01614, E13364, L10353, AB026995, AF089818, AJ006039, U49434		
571	HWMBMI 3	874573	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 858 of SEQ ID NO:571, b is an integer of 15 to 872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:571, and where b is greater than		

			or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 719 of SEQ ID NO:572, b is an integer of 15 to 733, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:572, and where b is greater than or equal to a + 14.	AA775778, AA757125, AI150241, AA838682, AA069888, AI224530, W37073, AI571201, AA280088, AA180829, AA551358, AI198896, AA789242, AI088743, AA313833, AI301947, W46182, AI335114, AA723621, AA242964, W63551, AI041609, AI091063, AI859174, AA244165, AI359616, AI219023, AA095041, AA961762, AI022251, AI804039, AI808187, AA180788, F36871, AW005459, AA588269, AI223243, AA778139, AI004938, AA515424, AI804041, AI423085, AW183600, AI186337, AI494381, R99921, AI333959, AI743641, AA658557, AA031356, AA242808, AI769255, AA057167, AA244351, AI193789, AI122572, F28054, AA694424, AI289215, AA706689, AW265213, AI025858, AA242829, F34646, AA627819, AA235287, AA303477, AA988111, W95169, W95132, AA737959, AA665063, AW008787, AA242783, AA255455, AW296694, AI298829, AI582739, AA339643, AI435326, AI350635, AA280017, R15811, AA86087, AI056366, AI126978, AA879084, AA815469, N89766, AA483997, AI208662, AA070800, AI720351, AA483308, AA385786, AA705997, AI360959, T84830, AI360958, AA256788, AA491729, N90283, N56211, F30199, AA973367, AA865322, W37072, AA031599, R99742, AW074437, AA299478, T25729, AI581807, AA773488, AA854587, AI160483, AA773691, AI393846, T66437, AI079152	AA205864, AW192638, AW005483, AA824263, AI142819, AI344314, AA471050, AI675040, AI738525, AI869254, AA603649, AI826701, AW136422, AA349312, AA352245, AA513376, AI473902, AI307409, AI335461, AI344116, AI344927, AI344925, AI345107, AW268275, AA564375, AI307434, AI318231, AW057846, AI344946, AW090819, AW207567,
573	HCQBD30	874578	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:573, b is an integer of 15 to 569, where both a and b			

		correspond to the positions of nucleotide residues shown in SEQ ID NO:573, and where b is greater than or equal to a + 14.	AI868916, AI685626, C01650, AI348979, AI345050, AI349742, AI349945, AI252714, AI335443, AI792528, AI366990, AI309420, AW268933, AW268740, AI311280, AW303051, AI345584, AI591260, AI612044, AI583824, AC001228, AC005950, U89364, AF000571, AJ006345	
574	HTEEZ83	874580	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1704 of SEQ ID NO:574, b is an integer of 15 to 1718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:574, and where b is greater than or equal to a + 14.	AI652168, AI651235, AL042672, AA400642, AA400512, AA858062, AI088345, AA723155, AI338998, AW044201, AW136063, AI884679, AA705472, AA262758, AA704320, AA291080, AI811206, AA723178, AA291079, AA262837, H05256, AI968448, R24786, AI910465, AI025371, R24812, AI797676, AA724915, AA541358, AA343915, R45518, R14022, T87745, AA134231, AW247425, R16262, R15757, AA284134, R22161, AI699575, AW387568, C05949, W74109, R45541, AF168132, AL080140
575	HBXCF35	874581	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1530 of SEQ ID NO:575, b is an integer of 15 to 1544, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:575, and where b is greater than or equal to a + 14.	AA127739, AI742154, AI333531, AI052663, AA127793, AI692283, W45616, AA846495, AA481573, AW008912, AA281508, AA287977, AW166514, AI159991, AW167523, AA281507, T96310, AW137033, T96311, AA811477, AA731897, AA743738, AA826191, AA831820, AA767556, AA481261, R39181, AA731754, AA013312, AI569091, AI300619, AI598243, AI095640, AA287919, AA133808, AI809743, AA452275, AW028689, F10571, AA452825, Z39078, AA286960, AA412437, AA911547, AA910396, AA885060, AA694317, AA215310, T98829, AI972552, AA133667, T99133, AA428756, AA452964, AA496281, T07471, W22515, AA991752, AA707671, AA670160, N99622, AI914231, AA872108, R84735, AA412436, W45562, C02163, AI884622, AP000516, AB014087, AC004190, AB014086, AC004188
576	HWMBF85	874584	Preferably excluded from the present invention are one or more	AA609891, AL121603

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 646 of SEQ ID NO:576, $b$ is an integer of 15 to 660, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:576, and where $b$ is greater than or equal to $a + 14$ .	
577	HCROA06	874588	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 560 of SEQ ID NO:577, $b$ is an integer of 15 to 574, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:577, and where $b$ is greater than or equal to $a + 14$ .	AW025497, AA934033, AW027391, AI279552, AW190440, AI829980, AI936913, AA493644, AA493494, AW015057, AA179182, AA664457, AA321511, AI912710, AA081836, AI879337, AA150887, AA452922, AA366205, AA493856, W81213, AW168414, H47788, W37231, W30867, AA587437, AW170353, AA334943, AI057549, AW385257, AW387041, AA595193, N80045, AI346027, AI718738, AW163282, AI702793, AW382665, AA3339133, AL137514
578	HAPAY77	874590	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 925 of SEQ ID NO:578, $b$ is an integer of 15 to 939, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:578, and where $b$ is greater than or equal to $a + 14$ .	AA490685, AI753700, AI214598, AA527740, AA651751, AI417662, AI673636, AW302471, AI984768, AA628084, AA501592, AI537648, AA664579, AA490463, AA357394, AI915016, AA410310
579	HUSYW93	874592	Preferably excluded from the present invention are one or more	AW294990, AI609583, AI708016, AW006108, AW163632, AA054347, AI076486, AA805672,

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:579, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:579, and where b is greater than or equal to a + 14.</p> <p>AA063039, AA430074, AA888790, AI014918, AI828713, AI221602, AA579954, N57530, AA593129, H91141, AW130274, AW408192, AW162983, AI536783, AW131695, AA541779, T99047, AW075255, R6492, AA687588, H63290, R64176, H63732, A1927555, R77508, R84822, AA506597, H83676, AA320359, AI818493, AI688753, H91189, AA719412, AA063074, AW059671, R00556, H94447, C01999, AI280539, R87805, AW009011, R48665, H99403, R62277, F28513, R50507, AA093376, R00662, H944441, H21809, AW265154, R50593, AI918452, R48566, T25095, AA089719, W37374, AI924051, AW151974, AI686576, AW022904, AI36394, AA838319, AA641818, AI866469, W60360, AA715307, AW087217, AI872423, AI866465, AA761557, AI801325, AI673278, AB009974, AL038635, AI538850, AI859991, AI582932, AI633125, AI815232, AL045619, AI889189, AI567971, AI927233, AA748353, AI491842, AI114461, AI440238, AI559752, AI686565, AL048538, AI631240, AW020693, AI611728, AI923989, H41759, AI469754, AI912573, AI086783, AL045375, AI889191, AI890907, AW160905, AI909661, AI049859, AI613038, AA587120, AI121328, AA282824, AI827229, AI521560, AL080011, AI683395, AL045620, AI887785, AI798404, AI471909, AI289791, AI683568, AI121270, AI064830, AI590043, AL079963, AI121463, AI539800, D44497, AR015970, AF076464, AL117590, AF090934, AI133049, E12888, Y10936, AI137281, AI133015, AI133558, X57961, AI122049, D87747, Y13350, E08516, AI117635, I68732, A20553, U30290, X70685, L04504, AC004200, A08907, X72624, AR034821, AL080234, Y09972, Y13653, A08908, X06146, U42766, AF069506, AI117457, M85165, AI137275, AI133072, AI133623, A12522, AI122110,</p>
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			AL133080, AF080622, AF126247, AL133053, AL133031, I28326, U02475, AL117582, U75304, AL049426, AL133113, D83032, I89944, I89934, AC003686, AF026816
580	HCROE11	874594	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 612 of SEQ ID NO:580, $b$ is an integer of 15 to 626, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:580, and where $b$ is greater than or equal to $a + 14$ .
581	HWLVF65	874595	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 631 of SEQ ID NO:581, $b$ is an integer of 15 to 645, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:581, and where $b$ is greater than or equal to $a + 14$ .
582	HWLWU6	874601 2	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 355 of SEQ ID NO:582, $b$ is an integer of 15 to 369, where both $a$ and $b$

		correspond to the positions of nucleotide residues shown in SEQ ID NO:582, and where b is greater than or equal to a + 14.	
583	HWLFG75	874603	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1255 of SEQ ID NO:583, b is an integer of 15 to 1269, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:583, and where b is greater than or equal to a + 14.
584	HBCCB62	874605	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1929 of SEQ ID NO:584, b is an integer of 15 to 1943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:584, and where b is greater than or equal to a + 14.

		<p>AW373781, AW373783, AW373636, AW373627,      AA134992, AI940526, AW373707, AW361514,      AW365061, AW372246, AW176545, AW375748,      AW373705, AW360825, AW375755, AW375758,      AW363272, AW375920, AW375781, AW375773,      AW391821, AW360800, AW388881, AW389306,      AW301319, AW363275, AW361642, AA100303,      AW376258, AW389268, AW374922, AW376502, E01630,      M15042, M29540, M17303, I08156, AR044683,      A43169, AR052807, AR052808, A39900, M16234,      X16455, I08155, AC004558, I08165, M29541,      A43167, I08158, M18216, M18728, E01972, E01971,      X52378, D90064, X16356, I08161, A43165, D12502,      I08160, J03858, I08159, I08157, X16354, I08137,      D90313, E03352, D90311, E03350, M69176, M72238,      D90312, E03351, AC004785, AC005797, X16454,      X98311, L31792, AF066622, E03349, D90278,      M59256, M59260, M59258, M59257, M59259, M59261,      U04349, M59262, M76742, M59709, S74647, A37261,      X62151, M16337, M17082, L00693, L00692, D90277,      E03348, M22433, AA631275</p>	<p>AA828034, AI379959, AI857494, AA766435,      AA251105, AA252357, AW449785, AA811081,      AA825520, AA626324, AW451092, AI281315,      AI281259, AI653216, AA767770, AA961612,      AA884914, AI910531, AA883131, AA117637</p>
585	HWL VN89	874607	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:585, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:585, and where b is greater than or equal to a + 14.</p>
586	HTXQF81	874608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>

	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1226 of SEQ ID NO:586, b is an integer of 15 to 1240, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:586, and where b is greater than or equal to a + 14.</p>	AA887676, AA280907, AA622341, AA161115, AW386295, AA421577, AA552244, AA574027, AA453330, AA523581, AA826619, AA464842, AA766218, AA246562, AA429353, N63397, AA464528, AA293567, N98676, AI688036, AA897561, AI831467, AA424522, AA160777, AI381579, AI991221, AA130549, AW001996, AI992166, AI857333, AA424374, AA430526, AA777100, AI148183, AA026078, AI332571, W92874, AA099121, AI057323, AI174284, AA421006, AI800148, AA293398, AA856632, AA159370, AA453201, AI720789, AW001345, AA430611, AA428764, AA130586, N95686, AI819980, AA856698, AI831247, AA434191, AA808470, AW406028, AW386371, AA029925, F22574, AA454167, AA402802, AW272436, AI801083, AA430426, AA99657, AA832420, AA857226, AI871010, AI273391, H47425, AI598093, AA830492, N73100, AA826723, AI904954, R96443, AA086361, AA449966, AW193589, AA505268, AA315443, AA053737, AW304217, AA158842, AA947200, AA921703, AA115286, AA758930, AI304791, H69012, AA429056, AW302628, AI091522, AI299197, AW328355, AI19387, AI086972, AA661521, AI935183, AA053217, AI337894, AA588803, AI347946, N66153, AI498213, AW069810, H753395, AI587160, AW387616, AI091629, AW387528, AA402306, AI457944, AI923632, AW387610, AI214251, W17167, AI934695, AW387609, AI089510, AA723089, AA687919, AI159162, AW387605, AW387556, AI718119, AW387612, AW387532, AI261968, AA527012, AW387677, H47338, AW387679, AA759077, AA340466, AW387539, AI261532, AA029924, AW387625, AA761238, AI830407, AW387557, AW387547, AW387583, AW387607, AW387533, AA043896, AI479890, AI907892, AW387587, AA371931, AW387516, AI125665,
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		AW387597, AW387585, AW387688, AI719846, T99527, AW387608, AW387554, AW387586, AA853552, AW387580, AA099122, AA025486, AW387559, AA379381, AA100577, AW387569, AA852809, AI863946, AA852810, AW387634, AW387584, AA496540, AW178502, AW387595, AW387596, AW366120, AW387553, AW387676, AA617664, AW387668, AI368248, AW387624, T99421, AI610373, AW387631, N92482, AW387694, AA451772, AA657982, AA361238, AA320810, AW379792, AW387558, AW387602, AI720333, AW387646, AW387695, AW387648, T29194, AW387550, AA513191, AI197850, AI939998, AA477464, AW387515, AW387641, AW387601, AW387667, AW263462, AW387636, AW387510, AA161192, R96442, AW387702, T95659, AW387627, AW387591, AW387640, AA290976, AW387544, AW387630, AI707897, D20308, AA159099, AW387621, AW387687, AW082041, AA159106, AI907826, AW387655, AA285059, AA853553, L09604, AF196779, U93305, U16149, AA159465, AA629238, AI364502	AI541205, D50992, T18597, D59751, Z33559, Z32887, AI525500, AI557312, AI557082, AI557533, AI525302, AI535639, AI535660, AI525556, AI557262, AI526078, AI536138, AI541321, N71206, AI525852, AI525316, AI525661, AI557084, AI541450, AI557809, AA058620, AI541075, AI536150, AI541365, AI525856, AI541353, AJ239433, AI557474, R29657, AI546829, AI541034, AI541346, AI540974, AI536070, AI547177, AI535994, AI557408, AI557543, AI557039, AC006544, AC007387, AR050070, A62298, Z30183, A62300, A82595, A82593, U94592, U45328
587	HCQDD61	874609 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 861 of SEQ ID NO:587, b is an integer of 15 to 875, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:587, and where b is greater than or equal to a + 14.	
588	HMCGGZ2	874610 Preferably excluded from the present invention are one or more polynucleotides comprising a	

			AA928829, AW363263 the general formula of a-b, where a is any integer between 1 to 1503 of SEQ ID NO:588, b is an integer of 15 to 1517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:588, and where b is greater than or equal to a + 14.	AA928829, AW363263 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 857 of SEQ ID NO:589, b is an integer of 15 to 871, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:589, and where b is greater than or equal to a + 14.	AA928829, AW363263 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1552 of SEQ ID NO:590, b is an integer of 15 to 1566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:590, and where b is greater than or equal to a + 14.	AA928829, AW363263 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1552 of SEQ ID NO:591, b is an integer of 15 to 1566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:591, and where b is greater than or equal to a + 14.
589	HDPMG95	874611	AI800642, AW263554, AI887303, AI458021, AA314882, AI130978, N26710, AW241266, AI699405, AA182774, AI360350, AI311855, AI005375, AI271798, AI311844, AI160723, AA742481, AI566528, AI698216, AW129007, AA492214, AI743839, AI266624, AI301005, AI287538, AA659788, AW268889, AA905272, AA582830, AA046335, AI202764, AI300917, AA927589, AA513425, Z223235, NG7557, AA471214, N34591, AA878914, AA298547, Z28858, AA639426, AI337479, AA770439, AA598461, T57131, AI557848, T57062, AI951303, AI183850, AW362063, I95752	AI043714, AA594012, AI127722, AW119061, AW303419, AI972370, AI435432, AI492876, AI826550, AW294638, AA127777, AI379516, AA131029, W30941, AA778421, AI768172, AA476693, AA424521, AI351027, AI276089, AA424355, AA927857, AI827221, AI810729, AA961627, AA723153, AA723176, AW303969, N59379, N76483, AA496984, AA812119, AI867487, N59361, AI082110, N29744, AI148665, AI904996, T51025, AA142848, AA912758, AI283747, W02732, AI282438, AI369934, T51117, AW183449, AA863467, AI382967, AA490582, AA813469, AA336481, R43451, AA863119, AI092645, N76464, F34319, AI870701, AA090677, AC004827, AB028994	AI824005, AI307247, AI625754, AW261982,	
591	HUFAT62	874614	Prefferably excluded from the			

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1178 of SEQ ID NO:591, b is an integer of 15 to 1192, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:591, and where b is greater than or equal to a + 14.	AI679467, AI078259, AA122264, AI335252, N27830, AA994930, AA111902, AI498311, AA373210, AI625756, AA633551, AA455980, N21680, AA085843, AA938642, H91768, AA371497
592	HODCH47	874615	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:592, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:592, and where b is greater than or equal to a + 14.	N30618, AA740983, AI128279, AW377181, AI160827, AI128274, AI222682, AI872758, AI590486, AI399979, AA523695, U93305, AF196779, AF165926, AC004983, Z85986, AL031681, U80017, AL033527, AC006160, AF045555, AL132712, AP000036, AL050307, AC002470, AL121603, AL031003, AC006255, Z98884, AF001549, AC005300, AC005031, AC004033, AC005486, AC007386, AC005189, AC005288, AL024507, AL049569, L44140, AC005412, AL022721, AP001063, AC005924, AC009509, AC005081, AL050332, AL049699, AL049631, AC002456, AP000345, AL021154, AL035458, AC007041, AC005730, AL049759, AC006367,
593	HWLV180	874618	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 640 of SEQ ID NO:593, b is an integer of 15 to 654, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:593, and where b is greater than or equal to a + 14.	N30618, AA740983, AI128279, AW377181, AI160827, AI128274, AI222682, AI872758, AI590486, AI399979, AA523695, U93305, AF196779, AF165926, AC004983, Z85986, AL031681, U80017, AL033527, AC006160, AF045555, AL132712, AP000036, AL050307, AC002470, AL121603, AL031003, AC006255, Z98884, AF001549, AC005300, AC005031, AC004033, AC005486, AC007386, AC005189, AC005288, AL024507, AL049569, L44140, AC005412, AL022721, AP001063, AC005924, AC009509, AC005081, AL050332, AL049699, AL049631, AC002456, AP000345, AL021154, AL035458, AC007041, AC005730, AL049759, AC006367,

			AL035413, AP000510, AC007688, AC002418, AC004386, AC005800, AL080243, AC007899, Z99495, AL034420, Z97832, AL049589, AC004000, AF111168, AC006071, AC005011, AL049856, AC002544, AC005071, AC005736, AC005332, AC005057, AP000155, AC009516, AL109627, AC005562, AC005899, AC004382, AF053356, AC007327, AP001052, AC006241, Z97989, Z82244, AF196971, AC004253, AP000047, AC004805, AL139054, AP000263, AC002288, AC002394, AF030453, AC004813, AC005377	AA748492, AA281066, AI038581, AI042300, AA588218, N95542, AA243343, AA448626, AA603589, AA452281, AA824559, AI524537, T50481, F10009, AI004187, AA810738, T63277, C01253, AA876044, AI557234
594	HNGBW96	874619	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 668 of SEQ ID NO:594, b is an integer of 15 to 682, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:594, and where b is greater than or equal to a + 14.	AI913535, AI762854, AI677912, AI758705, AI825702, AI740876, AA412665, AI800271, AA883055, AI823434, AA134753, AA845774, AA491093, AW204604, AA598723, R73497, AI535824, R73498, AA134752, AI535821, D62016, AI332677, AA993841, AA293681, AI598069, R77771, N68128, AA761684, AW370473, AW370408, AI758562, AI754802, AA075272
595	HOSOL09	874620	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1416 of SEQ ID NO:595, b is an integer of 15 to 1430, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:595, and where b is greater than or equal to a + 14.	AI913535, AI762854, AI677912, AI758705, AI825702, AI740876, AA412665, AI800271, AA883055, AI823434, AA134753, AA845774, AA491093, AW204604, AA598723, R73497, AI535824, R73498, AA134752, AI535821, D62016, AI332677, AA993841, AA293681, AI598069, R77771, N68128, AA761684, AW370473, AW370408, AI758562, AI754802, AA075272
596	HWL MKS	874621	Preferably excluded from the	AI718512, AI748996, AI951481, AI745085,

6	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1583 of SEQ ID NO:596, b is an integer of 15 to 1597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:596, and where b is greater than or equal to a + 14.</p>	AI809713, AW188163, AW103479, AI721217, AW007667, AI828182, AW004850, AI628538, AI686915, AW070523, AI962963, AI697298, AI471537, AI635101, AI889467, AI978632, AW190605, AW167961, AI571882, AW129970, AI922593, AL047838, AI579919, AW055284, AI955311, AW242156, AW272287, AI743468, AW129586, AI624711, AI625272, AI684079, AI679591, AA424668, AI679333, AI469222, AI571037, AW029090, AI809712, AA130871, AA528645, AI459465, AI540550, AA528637, AI024785, AA406196, AA411381, AA577525, AI333612, AI687294, AI241214, AI299682, AA483903, AA847578, AA424571, AI889684, AA502398, AA580416, AA130926, AA835115, AI707527, AW075441, AI216279, AI886530, AI579897, AI285185, AI285353, AA908633, AA724605, AI1219442, AI269213, AI038566, AW196292, AW361641, AI824537, N92767, AA527850, AI475347, AI078813, AA443854, AI074078, AA846205, AI803815, AI300799, AA983659, AI689710, AI289495, AI022819, AA548485, AA554075, AA235136, AW193746, AT538623, W33013, AA158014, W32964, AI123271, AA635113, AI567018, AA157929, AA526284, AA113218, W39707, AI702978, AA137210, AA446644, AI364251, AA493629, W15485, W19420, W35400, W37704, R81916, AA446623, AI494071, AW132100, AA055858, AI215543, AA158159, AI625623, AI284796, AA160230, AW372994, AI362334, AA234829, AI890170, AA492337, AI540630, AA975975, AI355511, AW372993, AI273060, AI269466, AA121220, T92910, AA921713, AI879463, AA911150, AA121180, AW188810, AA160229, AI420818, AI027882, W37705, AI261387, AA952991, AI459610, R81812, AI471346, AI287287, AA975982, AA056345, AI868149,
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597	HWMBE67	874622	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 588 of SEQ ID NO:597, <math>b</math> is an integer of 15 to 602, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:597, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>
598	H2CAA08	874623	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 418 of SEQ ID NO:598, <math>b</math> is an integer of 15 to 432, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID</p>

			NO:598, and where b is greater than or equal to a + 14.	
599	HCRNH24	874624	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1305 of SEQ ID NO:599, b is an integer of 15 to 1319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:599, and where b is greater than or equal to a + 14.	AI680732, AA129660, AA932629, AI302712, AW296343, AW103527, AI696519, AA889147, AA962323, R85409, AA342648, T78937, N71662, H90863, H82431, H95348
600	HUFDO17	874625	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 959 of SEQ ID NO:600, b is an integer of 15 to 973, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:600, and where b is greater than or equal to a + 14.	AI219807, AA459990, H47315, H03229, AA461319, R96595, H83599, D79440, AW02256, AA249406, T06164
601	HE8QX06	874626	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1459 of SEQ ID NO:601, b is an integer of 15 to 1473, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI655888, AA496957, AI082409, AA481278, AA256248, AA424608, AA255986, AA481584, R72315, W92878, R16032, AW008646, R66195, AI669890, H56520, R67074, AA401875, R72278, W92777, AA480879, R62194, AA398470, R62168, R62278, R26962, AI572490, D63178, H56702, AA835846, R26733, AA424540, AI745338, AW051062

602	HWMCF68	874628	NO:601, and where b is greater than or equal to a + 14.	AA873395, AI732843, AI732974, AI245199, AI791371, AA746322
603	HWAGI58	874630	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 467 of SEQ ID NO:602, b is an integer of 15 to 481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:602, and where b is greater than or equal to a + 14.	AI928153, AW293147, AI922880, AW189087, W38669, AA436733, AA406426, AA488113, N92583, AI949783, AW002403, AI671171, AI620653, AI597676, AA664702, AA410435, AA484729, AI554442, W37186, AI424838, AA570240, AA227850, AI083617, AI401498, AI440533, AW148677, AW449553, AI521319, AI290235, Z33599, AA137130, AI813887, AW021759, AA127412, AW029443, N22858, AA719092, C03295, AI806504, AA137059, AI184062, AI754123, AI273172, AA151253, H03753, N62604, AA262368, AA872321, AA528398, T31453, AA860343, H99866, AI355764, AA669437, AI457200, Z25006, AI784096, AA854278, H02858, AA610238, AA151252, AA812799, AA860538, R22379, N78372, AI753885, R21529, N30375, AI872973, AI799035, R53933, D622118, R26946, AI699830, R21637, R58459, C02929, R31678, R26721, R21879, AA722471, AI565876, AW293611, R31720, AI791789, AI791785, AI858806, AI536978, AI7333374, AI7333378, AA971532, AA971635, AA748757, U72935, U72936, U72937, U72938, U75653, U97103, AL109753, X83753, AL021328, U09820

604	HAAAA25	874631	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1179 of SEQ ID NO:604, b is an integer of 15 to 1193, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:604, and where b is greater than or equal to a + 14.	AI680985, AA554513, AA877139, AA807892, AA514409, AI250782, AI214214, AA625531, AA593396, AI224033, AI016409, AI538453, AI281360, AI274110, N22772, AA722760, AI093842, AI249030, AI539329, AA550843, AI140319, AI828736, AA972406, AI688907, AI337957, AI339781, AI278350, W87861, AA975567, AA857219, AW167933, W87741, AI474024, AI538452, AI278811, AA464600, AA477850, AA527483, N31654, AA857170, H58025, AA235530, AI051600, AW384171, H24033, AW384172, R45453, AW023520, AW384760, AI989439, AA737307, AA923634, AW129709, T29737, AA568370, AA477744, AA641366, AA344094, AA298522, R11264, R43413, AI286350, F02958, AA908416, AA908367, AA703369, AW021464, R48004, AA304930, R11207, H57934, R43857, D19854, AA410662, AI003385, AR009803, K00535, J00120, D10493, M38057, L00058, X54629, K01906, X00198, K02276, M88115, V00568, M88116, M22728, X00247, X97040, X13232, Y00396, Z68501, K01904, E01841, L00039, X01023, X00197, M15078, X95367, M25762, U37688, A76272, M19724, X66258, U62109, X53248, AF076523, M13930, I24429, I24433
605	HHEIW79	874632	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:605, b is an integer of 15 to 438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:605, and where b is greater than or equal to a + 14.	
606	HNGGK17	874635	Preferably excluded from the	AI738940, AI823886, AI738657, AI922948,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2660 of SEQ ID NO:606, b is an integer of 15 to 2674, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:606, and where b is greater than or equal to a + 14.</p>	<p>AW151581, AW149592, AI589630, AI589257, AI925870, AI954062, AI567725, AI583988, AI092891, AI813322, AI888900, AI144269, AI934468, AI201811, AW385059, AA010762, AA402611, AI377794, AA313622, AA885094, AA406315, AA411291, AI809416, AI200547, AI694616, AI311372, AI359746, AI284191, AI446577, AA250735, AI359731, AA421634, AI141252, W04357, AA459305, AI344678, AA905976, AA011123, AI916640, AI985038, AI693949, AA040561, AA741284, AA459536, AI751888, AA934389, AI910848, AI378236, AA410941, AI621273, AI2274157, AI652270, AA622327, AI367816, AI216339, T54296, AA131112, AA402667, AI347253, AI274675, W96147, AA601964, W96281, AA058886, AI751889, AI884899, T32260, AW050753, AW016844, R83684, AW004614, AA100722, AA335522, AI283677, AA077166, AA232900, AI473399, AA340606, T54403, AI205557, AA045493, N33747, AI365391, AA353120, AA503782, N74265, AA131084, AA501834, AI383529, AI383218, C05771, T16555, AA601954, AA410741, AA293312, AI383672, AA232901, AA235598, AA291831, AA443910, AW376496, AA988530, H21820, AA994695, AA477067, AA077245, AI2666246, AW304069, AF068229, AF046889, AF046783, AL049952, AC004876</p>
607	HCRQG35	874636	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1595 of SEQ ID NO:607, b is an integer of 15 to 1609, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>

			NO : 607, and where b is greater than or equal to a + 14.	
608	HSODQ11	874638	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 906 of SEQ ID NO:608, b is an integer of 15 to 920, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:608, and where b is greater than or equal to a + 14.	AI806674, AI336314, AW117211, AA854185, AW206748, AA777170, AA862948, AA618065, E17301, AB024568, AB007917, AF060178, D88811, E17300
609	HWLMR54	874639	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 269 of SEQ ID NO:609, b is an integer of 15 to 283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:609, and where b is greater than or equal to a + 14.	AA971969, AI768790, AW134542, AI493522, AI681577, AI952974, AI559404, AI953261, AW390824, AL042965, AI142137, AI142139, AL119483, AL134538, AL134920, AL134531, AL134533, AL042896, AL119497, AR060234, AB026436
610	HWLNII9	874640	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:610, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	R63925, AA809424, AI134524, AL045327, AI134110, AL047163, AL042898, AL045328, AL037295, AL038651, AL038838, AL037343, AI547295, AL038983, AI142134, D29033, AL037727, AL037436, AL037335, AI037323, AI318479, AL135012, AL037443, AL038532, AL038761, AL038822, AL037435, U46344, AL040472, AL043941, AL039432, AL045753, AL044125, AL038878, AL043923, AL043814, AL047012, AL041238, AL044186, AL040617, AL043845, AL041347, AL040193,

			NO:610, and where b is greater than or equal to a + 14.	AL040444, AL040463, AL047170, AL044037, AL041635, AL040294, AL044064, AL041459, AL041577, AL044162, AL042135, AL047219, AL040625, AL045684, AL041752, AL046850, AL040768, AL045671, AL046994, AL046914, AL048714, AL040052, AL043496, AL043538, AL040621, AL040464, AL040510, AL043467, AL043677, AL040839, AL043492, AL041602, AL044074, AL041730, AL041523, AL043627, AL041374, AL043848, AL043570, AL047183, AL045494, AL042523, AL048657, AL046442, AL041324, AL049018, AL041133, AL039316, AL041098, AL040322, AL046392, AL040119, AL044272, AL044258, AL041168, AL041163, AL038040, AL041159, AL045817, AL045920, AL040148, AL079852, AL047057, AL040458, AL044187, AL041296, AL038041, AL041358, AL041292, AL040571, AL045990, AL044274, AL039338, AF176555, AR066494, AJ238010, A93923, D17247, A93916, AR064707, A93931, A85203, AR023813	AI956173, AI807369, AI589822, AI571799, AI890926, AA028956, AA847313, AA709374, AA054754, AA029099, AI914642, R40748, H62853, N93504, R42692, AA027847, R38295, AI023016, AA872259, R42691, AF043293, AA026086, AI559787, AI474599, W21316, AA027880, AA053285, AW383148, AW383265, AW383202, AW362198, D59275, C14331, D80164, D80166, C15076, C14429, D81030, D59859, D59467, D51423, D80195, D80227, D59502, C14389, D80038, D58283, D80022, D59787, D80253, D59619, D80210, D51799, D80391, D80240, D80043, D80269, D80378, D57483, D80212, D50979, D80193, D80196, D80188, D80219, D59927, D80366, D59889, D50995, D59610, D51060, D80045, D80241, AA305409, T03269, AW178893, C75259, C14014,
611	HFPHT42	874642	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1055 of SEQ ID NO:611, b is an integer of 15 to 1069, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:611, and where b is greater than or equal to a + 14.		

	AA305578, AW177440, D51022, AW179328, D59695, D81026, AW378532, D80134, C14407, A1557751, D80522, D51250, D52291, AW178775, AW352158, D80268, F13647, D80251, AW369651, AA514188, D58253, D80248, D80949, AW178762, D80168, C14298, AI910186, C14227, D80064, A1905856, D51079, AW177501, AW177511, D81111, AA514186, D80133, AW360811, AW352117, Z21582, C05695, AW378540, AW176467, AW375405, AW377671, AW366296, AW360844, AW360817, D80132, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80302, D51097, AA285331, AW177505, D51103, AW352171, D80439, AW377676, AW178906, AW352170, AW177731, AW360834, AW178907, AW179019, AW179024, D59373, D80247, AW179020, AW360841, AW178909, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, AW179220, AW352174, AA809122, AW179004, AW179012, T11417, AW178914, AW378525, C06015, D80157, H62973, AW177722, AW177728, AW367967, AW179009, D51759, AW178774, AW178911, AW378543, D80014, AW352163, D80258, AW178983, AW352120, D58246, D59503, A1557774, AW178781, T48593, T03116, D59627, A1535961, D45260, D58101, C14344, AW177723, D59653, T02974, AW177508, A1535850, C14975, AW378539, AW367950, AW378533, H67854, C03092, H67866, AI525923, D59317, AI535686, AW177734, D51213, AW177497, AW178986, AI525917, D45273, C14973, N66429, D51221, D59551, D59474, D60214, AF035279, I33392, I33391, U31628, I333393, I33394, A84916, A62298, A62300, AJ132110, Y17188, AR018138, A25909, X67155, D26022, A67220, D89785, A78862, D34614, X82626, D88547, AF058696, AR008278, I82448, AB028859, AR025207, AR016808, A82595, X68127, Y12724, AB012117,
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			AR060385, A94995, A30438, AB002449, A85396, AR06482, A44171, X93549, A85477, I19525, A86792, AR008443, U87250, I50132, I50126, I50128, I50133, X64588, AR066488, AR016514, Y17187, AR060138, A45456, A26615, AR052274, Y09669, AR016691, AR016690, U46128, A43192, A43190, AR038669, AR066487, AR066490, I14842, AR054175, D88507, I18367, AR008277, AR008281, Z82022, D50010, AF135125, I79511, U79457, A63261, AR008408, AR062872, A70867, AB033111, D13509, A64136, A68321, AR060133, AR064240, U87247, AR060382, AF123263, AR032065, X93535, AR008382	AA478655, AA281301, AW195482, AI741900	
612	HLWCT94	874644	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 885 of SEQ ID NO:612, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:612, and where b is greater than or equal to a + 14.	AA478655, AA281301, AW195482, AI741900	
613	HWMBL25	874645	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:613, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:613, and where b is greater than	AA948091, AI453828, AI052644, R822937, H90431, R08446, AA886615, AA522578, J02960, M15169, X04827, X94608, Z86037, A65720, J03024, Y00106, X17607, L39264, AF000134, AF192345	

614	HWLOU23	874646	or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:614, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:614, and where b is greater than or equal to a + 14.
615	HWLOZ82	874650	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:615, b is an integer of 15 to 505, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:615, and where b is greater than or equal to a + 14.
616	HWMBF50	874651	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:616, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:616, and where b is greater than

			or equal to a + 14.	
617	HLYAZZ3	874652	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 736 of SEQ ID NO:617, b is an integer of 15 to 750, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:617, and where b is greater than or equal to a + 14.	AA868475, AW276441, AA483003, AW023737, H92076, AA603869, R47433, H92126, AL022329
618	HWLNLS3	874653	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 437 of SEQ ID NO:618, b is an integer of 15 to 451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:618, and where b is greater than or equal to a + 14.	AI057197, AI868634, AI968927, AI734237, N21608, AI365444, AI792468, AI734237, W25410, AI284326, AA430371, AI111175, AA421352, AI989368, AW183729, AI864157, AI014596, AW263212, AW028627, AI340066, AI819819, AI821683, AI821592, Z22333, Z22341
619	HWLOZ25	874654	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1066 of SEQ ID NO:619, b is an integer of 15 to 1080, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:619, and where b is greater than	AI300570, AA481010, AI741320, AW270128, AI923117, AA760756, AI700414, AI925690, AA931348, AI373110, AA410291, AI275438, AI806701, AI807284, AA410330, AA702457, AA629745, AA703535, AI698191, AI150957, AW085055, AA553435, AW264870, AW264869, AA805375, AI860479

620	HWMBV2 7	874655	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 809 of SEQ ID NO:620, $b$ is an integer of 15 to 823, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:620, and where $b$ is greater than or equal to $a + 14$ .
621	HCRQH42	8746556	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 706 of SEQ ID NO:621, $b$ is an integer of 15 to 720, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:621, and where $b$ is greater than or equal to $a + 14$ .
622	HWLOR14	874657	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 318 of SEQ ID NO:622, $b$ is an integer of 15 to 332, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:622, and where $b$ is greater than

			or equal to a + 14.	
623	HWMBB0 3	874658	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 496 of SEQ ID NO:623, b is an integer of 15 to 510, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:623, and where b is greater than or equal to a + 14.	H80552
624	HWL0W5 7	874659	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:624, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:624, and where b is greater than or equal to a + 14.	AA916992, AA494070
625	HWL0O77	874660	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:625, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:625, and where b is greater than	AI203411

			or equal to a + 14.	AA743433, AA813913, AA441931, AW305281, H11884
626	HWL0Z54	874662	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:626, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:626, and where b is greater than or equal to a + 14.	R63068, AA699972, AF139786, R63109, A1969279, AL119324, AL119457, AW392670, U46351, U46349, U46350, AL119418, AL119443, AL042544, U46347, Z99396, AL119399, AL119319, AL119341, AL1134902, AW372827, AW363220, AW384394, AL119391, AL037205, AL119484, AL119483, AL119464, U46341, AL119355, AL119401, AL119439, AL119363, AL119444, AL119497, AL119522, AL134531, AI142131, U46346, AL134525, AL134536, U46345, correspond to the positions of nucleotide residues shown in SEQ ID NO:627, b is an integer of 15 to 545, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:627, and where b is greater than or equal to a + 14.
627	HWLMO1 9	874665	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 531 of SEQ ID NO:627, b is an integer of 15 to 545, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:627, and where b is greater than or equal to a + 14.	R63068, AA699972, AF139786, R63109, A1969279, AL119324, AL119457, AW392670, U46351, U46349, U46350, AL119418, AL119443, AL042544, U46347, Z99396, AL119399, AL119319, AL119341, AL1134902, AW372827, AW363220, AW384394, AL119391, AL037205, AL119484, AL119483, AL119464, U46341, AL119355, AL119401, AL119439, AL119363, AL119444, AL119497, AL119522, AL134531, AI142131, U46346, AL134525, AL134536, U46345, AL119335, AL043019, AL134538, AL119396, AL119496, AL042450, AL043029, AL042433, AL042542, AL042614, AL043003, AL042975, AL042984, AL043033, AL042965, AL042551, AF075009, AC004924, AB019440, AC007275, AR066494, AR060234, AB026436, A81671, AR054110, AR069079, AR043113
628	HWLMA6 8	874667	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:628, b is an integer of	AW003119, AI090979, W69114, N29472, AA424883, AI522230, H82475, AA887087, AI744558, AA887101, AC005876

		15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:628, and where b is greater than or equal to a + 14.	
629	HWLNH87	874670	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 891 of SEQ ID NO:629, b is an integer of 15 to 905, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:629, and where b is greater than or equal to a + 14.
630	HOOHE79	874671	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:630, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:630, and where b is greater than or equal to a + 14.
631	HWLOJ08	874672	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:631, b is an integer of

		15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:631, and where b is greater than or equal to a + 14.	AL119324, AI142137, U46347, AL037051, AL036725, AA631969, AL119335, AL119363, AL037205, AL119401, U46346, AL119355, AL042614, AL134531, AI142139, U46341, AL119341, AL119396, AL043019, AL119494, AL036858, AL134525, AL039074, AL119496, AL036924, AL134528, AL134530, AL134519, AL119399, U46345, AL134518, AL134538, AL134526, AL042544, AL042896, AL042984, AL042965, AL042975, AL042542, AL037085, AL043029, AL042450, AL043003, AL039564, AL038509, AL039085, AL042551, AL039156, AL039108, AL039109, AL039128, AL037094, AL036268, AL037526, AL036196, AL036190, AL037082, AL037639, AL119464, AL038520, AL036767, AL037077, AL036998, AL038851, AL036733, AL037615, AR060234, AR066494, A81671, AR023813, AR064707, AB026436, AR054110, AR069079	U82695, AF151107, AF151108, AL049866	AA622392, AI215628, AI346006, AW268901, AW192528, AA931650, AA6227385, AW087522, AI351272, AI310053, AA548906, AA781491, AI868907, AA512893, D45784
632	HBCBF08	874673	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:632, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:632, and where b is greater than or equal to a + 14.		
633	HWHGZ23	874675	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 655 of		

			SEQ ID NO:633, b is an integer of 15 to 669, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:633, and where b is greater than or equal to a + 14.	
634	HWLOP85	874678	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 391 of SEQ ID NO:634, b is an integer of 15 to 405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:634, and where b is greater than or equal to a + 14.	AA455712, AI811577, AA455657, AI139121, AI275409, N80080, AI927568, AI927562, AI139471, AA160473, AJ587600, N59184, AI718928, N39140, AA723097, AI719983, AI335776, N78795, AA732097, W05057, R39073, W07223, AI864812, AA832398, N74667, N75923, N46550, AI119453, D19825, H89600, U66561, AL021918, AL031118, AA830689
635	HUSGX66	874679	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1315 of SEQ ID NO:635, b is an integer of 15 to 1329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:635, and where b is greater than or equal to a + 14.	AI887957, AI377535, AI803412, AI365236, AI916520, AI420581, AI216221, AI167532
636	HCRQM95	874680	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of	

			SEQ ID NO:636, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:636, and where b is greater than or equal to a + 14.	
637	HPWA157	874682	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:637, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:637, and where b is greater than or equal to a + 14.	A87678, A87679
638	HWLOQ35	874683	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:638, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:638, and where b is greater than or equal to a + 14.	AW006294, AA744520, AI651714, AI263342, AI868001, AA713976, AI950571, AA253393, AA236977
639	HE2EA79	874684	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1255 of	AI744509, AI471561, AW104671, AI743782, N56950, AI358155, AA129551, AI493213, AW263313, AW375671, N22107, H46617, AA136565, H39587, AI014857, AW371735, AA687548, H26480, AI078667, F00545, AW023186, AA843086, AA939320, AA425438, AW264264, D25988, AW087311, AA526886, AI096403,

	<p>SEQ ID NO:639, b is an integer of 15 to 1269, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:639, and where b is greater than or equal to a + 14.</p>	H40017, H88197, AI096401, AA503479, AA501971, H26319, H83564, AA322124, AA372778, AW375657, AI686136, N75489, AI476089, AI088717, AA581177, AI003734, AI460390, AA720732, AI937850, AA381762, AI184354, AA665293, AA655002, AW440935, AA074130, AA649553, H70615, AA968509, AI348611, N84245, AW242020, AA843450, AI357551, M18217, AF051561, AP000563, AC005342, U47924, AF064861, AC005057, AC006111, AL109758, AC007488, AP000133, AP000211, AL022721, AC007536, AC006251, AC004821, AL035072, AC009516, AC002558, AC007216, AF107885, AC006539, AC005944, AC005755, AC004967, AC004236, AC005210, AL021808, AF001552, AC000066, AC010582, U96629, AC006449, Z85986, AC004878, AC005330, AC002540, AP000553, AC002994, AC005740, U95742, AC002563, AC002544, AC000052, AC005378, AC011311, AL121653, AC006205, AF045555, AP000692, AC004383, AJ010770, AL008635, AC001231, AC004019, AP000493, AC006130, AC005399, AP000505, AC004263, AL049758, AC002425, AL133445, AC005372, AL109827, AC005037, AC006480, AC006120, AL096791, AL031431, AC005411, AL049759, AC005696, AP000961, AC004386, AC003029, AC005821, Z84469, AC005874, AF134471, AC005225, U95740, AL049872, AC006001, Y14768, AC002350, AP000510, AC002041, U91326, AC000026, AC004859, AC007066, AC005233, AC005226, AL034548, AC009405, AL049760, AC005261, AC005800, AC005081, AL021397, AC003041, AL10984, AJ003147, AL034451, AL049709, AF053356, AP001037, AL132777, ZB4480, AC007666, AC006285, AC007050, AC002377, AC002070, AF196969, AC005274, AC006261, AC005531, AC002565, AC005594, AL135783, AC002542,
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			AC005288, AP000552, AP000152, AL049694, AF196779, AL035699, AC002347 AI434204, AI825202, AW263495
640	HWL0I43	874688	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:640, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:640, and where b is greater than or equal to a + 14.
641	HCRQM44	874689	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 590 of SEQ ID NO:641, b is an integer of 15 to 604, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:641, and where b is greater than or equal to a + 14.
642	HCRM225	874695	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 947 of SEQ ID NO:642, b is an integer of 15 to 961, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:642, and where b is greater than or equal to a + 14.

643	HCR0B95	874696	NO:642, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:643, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:643, and where b is greater than or equal to a + 14.	N72329, AA459727, AW392671, AL049766
644	HWLXN82	874697	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 405 of SEQ ID NO:644, b is an integer of 15 to 419, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:644, and where b is greater than or equal to a + 14.	AW015211, AI264462, AI285215, T05692
645	HWLXW08	874699	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 641 of SEQ ID NO:645, b is an integer of 15 to 655, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI767447, AI766077, AI735760, AA993877, AI825978, AI917242, AI016453, AI126039, AW022857, AA127250, AW139495, R60691, AW021848, AI984586, AI242322, R39813, R24208, AI479579, AW196253, Z40634, AI127231, H10019, F03822, AA577386, AI382340, T61246, AA092616, AI868839, AI245091, AW372310, AA644511

			NO:645, and where b is greater than or equal to a + 14.	
646	HWLVR69	874700	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 44 of SEQ ID NO:646, b is an integer of 15 to 458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:646, and where b is greater than or equal to a + 14.	AA307263, AW0085751, AI267285, AA524604, AA372958, AA174108, AI889236, AL079553, AI567976, AA484321, AA210951, AI696455, AA676462, AI754926, AA513196, H65856, T05648, AA669458, H94719, AA199578, AA845690, T73227, AI000381, AI590404, AL110280, AF109907, AL034430, AL033543, AC001228, AL034548, Z82244, AC004615, U80017, Z94161, AC007093, Z68287, Z98048, AL031295, AF060911, AP000695, AP00696, AL121652, AD000092, U91325, AC005082, Z81365, AC005225, AC004707, AC005231, AC004150, AC002395, AL031005, AC002117, AC007225, U47924, AC005060, AL034417, AL133163, AC005593, AL031259, AC005412, AL008720, AP000692, Z82215, AC006285, AC007065, AC004797, AB014079, AC006139, AL031255, AC005206, AL049743, AL035593, AC005667, AP000514, Z97876, Z93023, AL035420, Z98946, AC006120, AL022170, AC006029, AF196779, AC005071, AC007371, AP000350, AC008055, AC006515, AC000111, Z93241, AL021392, AL121657, AL109628, AC005031, AL031775, AL049745, AC005828, AC003108, AL133448,
647	H2CBD62	874701	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 271 of SEQ ID NO:647, b is an integer of 15 to 285, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:647, and where b is greater than or equal to a + 14.	

			AC005666, AF118885, AL034555, AC005048, AL133243, AC005180, AF038458, AL022099, AC005694, AP000359, AL078581, Z95113, AC006011, AC005553, AC005529, Z93930, AF205588
648	HMSAQ57	874702	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1858 of SEQ ID NO:648, b is an integer of 15 to 1872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:648, and where b is greater than or equal to a + 14.
649	HCROD17	874703	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 826 of SEQ ID NO:649, b is an integer of 15 to 840, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:649, and where b is greater than or equal to a + 14.
650	H2CBN90	874704	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 809 of SEQ ID NO:650, b is an integer of 15 to 823, where both a and b

		correspond to the positions of nucleotide residues shown in SEQ ID NO:650, and where b is greater than or equal to a + 14.	
651	H2CBP17	874707	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 527 of SEQ ID NO:651, b is an integer of 15 to 541, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:651, and where b is greater than or equal to a + 14.
652	HTTDU01	874708	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1641 of SEQ ID NO:652, b is an integer of 15 to 1655, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:652, and where b is greater than or equal to a + 14.
653	H2CBH38	874709	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1146 of SEQ ID NO:653, b is an integer of 15 to 1160, where both a and b

			correspond to the positions of nucleotide residues shown in SEQ ID NO:653, and where b is greater than or equal to a + 14.	AA313774, N87550, AI659717, AB033023
654	H2CBX48	874710	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 822 of SEQ ID NO:654, b is an integer of 15 to 836, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:654, and where b is greater than or equal to a + 14.	AA117351, AA984205, W73590, AA313565, C06040, AW016815, AI201605, AI927839, W27788, W28846, AW050936, W20474, AA563590, AI291970, C00092, AA193611, AA037235
655	H2CBT32	874711	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1174 of SEQ ID NO:655, b is an integer of 15 to 1188, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:655, and where b is greater than or equal to a + 14.	AW054855, AA781176, AI301923, AI003840, AA293873, AI139637, AI209150, AA781378, AA699734, AI499705, AI422131, AA740326, AI343622, AA406215, AA993480, AI918065, AI423416, AI301318, AI078370, T70541, AW452361, AA405360, AA045732, AA416618, AI271992, AA743041, AI024173, AA861395, AI202580, AI028291, AA045733, AI023353, AA416600,
656	HAGBH67	874713	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1118 of SEQ ID NO:656, b is an integer of 15 to 1132, where both a and b	

		<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:656, and where b is greater than or equal to a + 14.</p>	<p>AA677648, AA430066, H26418, AI247927, AA669613, T88915, AW296477, AA412195, AA416994, AA398297, T70810, AA435656, A1991785, H46640, H26344, AI208039, T85978, R70388, AI350557, AI991938, AA806905, AI424484, AI916494, AI808428, AI000979, AC004231, X14487</p>
657	HE2LX05	874714	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:657, b is an integer of 15 to 566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:657, and where b is greater than or equal to a + 14.</p>

		AL041186, AL039643, AL040285, AL040414, AL040091, AL041131, AL044165, AL041051, AL040090, AL039744, AL040168, AL043775, AL041227, AL040253, AL041246, 230131, AL045857, AL040082, AL041347, AL040329, AL039338, AL045211, AL041140, AI535639, AL045327, AL045817, AL047037, AL040263, AL043440, AL04125, AL045725, AL047163, AL040255, AL037341, AL039915, AL043612, AL046097, AL046360, AI5225306, AL041210, AL041278, R28735, AL037323, AI557262, AL044201, AL045994, AL049069, AI046327, R29177, AA585476, AI526194, AL039360, AA174170, AL134110, AI547039, AL046150, AI540967, AI541535, AI541509, AI546999, AI043444, AL037279, AI541510, AI546899, AI044529, AI557787, Z28355, AI043537, AI557799, AI546891, AI547295, AI541013, AI541390, AI536138, AI526144, AL046147, AI557807, AI546855, AI541307, AI541534, AI080031, AJ239433, AI546828, AI525316, AI525321, AI557796, AL045784, AL042712, D61254, AI557082, AI541205, AI546945, AA585439, AL038878, AI535813, AI526184, AI525328, AA283326, AL038651, R29218, AI535660, AI557802, AI547006, D57186, D29033, R28895, AI557238, AI557731, R45895, AL045340, AI526125, AL041344, R28967, R28965, U46344, R28892, T10982, AI541508, AI557808, AI547048, AI557734, AA585329, AL048677, I08395, I08396, AR038762, AR064707, AJ230935, AJ230902, AR038855, AJ230951, AR051652, AJ231009, AR051651, AJ244007, I08389, AJ238010, AR008429, X07299, A58524, X81969, A43189, A43188, A58523, A20702, AJ244003, AJ244004, AF082186, A20700, A98420, A98423, A98432, A98436, A98417, A98427, AR066494, AR062872, I19525, AR062873, A81878,
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		A98767, A25909, AR062871, A93963, A93964, A86792, A64973, A85395, A85476, A84772, A84776, A84773, A84775, A84774, E12584, AR067731, AR037157, AR054109, AR067732, A58522, A91750, AJ230867, Y09813, I18302, Z32836, X83865, I18895, Y16359, AR035975, AR035977, AR009151, A22738, A77094, A77095, I62368, A60212, A60209, A60210, A60211, D78345, A93016, E13740, A68112, A68104, I63120, AJ231028, E03627, A18050, A23334, A75888, I70384, A60111, A23633, AR007512, A35536, A35537, AR009152, A02135, A02136, A04663, A04664, A02712, A95051, A18053, A11245, AR017907, I06859, I48927, I00682, A11623, A11624, E00609, AR043601, A11178, E01007, I13349, A10361, I15353, AJ230972, AJ244005, I84553, I84554, D13509, I03331, A02710, E12615, AR035193, E14304, A07700, A13392, A13393, AR031488, I13521, I52048, A27396, I25027, AR027100, I44531, I28266, I21869, I26929, I44515, I26928, I26930, I26927, I44516, E16678, A82653, E16636, M28262, I15718, A24783, A24782, I01995, A95117, I08051, I15717, E17098, A93923, I49890, A92133, A70872, A70040, A91965, D17247, AR035974, AR035976, AR035978, I60242, I60242, I44681, A90655, AF149828, AR031566, AJ230845, AR022273, D50010, A20699, E00696, E00697, E03813, I66482, I66485, I66483, I66484, I66498, I66497, I66496, AR038066, AR027099, I66487, I66486, I05558, A70869, A93916, AR051957, I66495, I66494, AB025273, D13316, A93931, A22734, AR051864, AR051865, I36244, A06631, I66481, A83642, A83643, I66488, I66489, I66490, I66491, I66492, I66493, A83151, S60422, AJ231011, AR063812, AL133053, AL133049, A05993, A05975, A05973, A05991, A05995, AA838833, AI951830, AI983935, AW083500,
658	HAHCU44	874715 Preferably excluded from the

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1164 of SEQ ID NO:658, $b$ is an integer of 15 to 1178, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:658, and where $b$ is greater than or equal to $a + 14$ .	AA505859, W37679, W37680, AA372012, AI033632, W38021, AA583310, AW237259, AA724242, AA321659, W20140, AI445781, AI335223, AI792549, AA827028, AL109756, Z77249, AC004982, AC004996, AC005342, Z81370, AL031584, AI049569, Z97353
659	HFRAM50	874717	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 910 of SEQ ID NO:659, $b$ is an integer of 15 to 924, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:659, and where $b$ is greater than or equal to $a + 14$ .	D20728, AA244320, AI740884, AW178896, 235731, AP000526, AP000525, AC006561, U49973, AC006965, AC006566, U70984, Z82200, Z82206, AC006077, AL049781, AC006487, AL079305, AL132985, AL136504
660	HAJBD60	874718	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 799 of SEQ ID NO:660, $b$ is an integer of 15 to 813, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:660, and where $b$ is greater than or equal to $a + 14$ .	W22230, T74316, F12667, AA318357, R19418, AA356083
661	HTPHK47	874719	Preferably excluded from the	AW237653, AA991673, AI764967, AI920926,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1704 of SEQ ID NO:661, $b$ is an integer of 15 to 1718, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:661, and where $b$ is greater than or equal to $a + 14$ .	AI091466, AA934348, AI220342, AA993838, AA506184, AW204074, AA113281, AA214337, AI433064, AI381333, AI205720, AI683561, C01718, AA082796, AI270624, N66474, R58514, AA933806, AI537337, AI863530, AL049989, AF121857
662	HAMGM2 7	874720	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1100 of SEQ ID NO:662, $b$ is an integer of 15 to 1114, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:662, and where $b$ is greater than or equal to $a + 14$ .	AA548621, AI732587, AA173525, AA307836, AI763187, AF094481
663	HWLXAS6	874723	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 327 of SEQ ID NO:663, $b$ is an integer of 15 to 341, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:663, and where $b$ is greater than or equal to $a + 14$ .	N73842
664	HBGMC86	874724	Preferably excluded from the	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 271 of SEQ ID NO:664, $b$ is an integer of 15 to 285, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:664, and where $b$ is greater than or equal to $a + 14$ .	
665	HOSPA23	874725	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 617 of SEQ ID NO:665, $b$ is an integer of 15 to 631, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:665, and where $b$ is greater than or equal to $a + 14$ .	N47382, R23996, AI633730, AI638247, AI753699, AL133621, AJ010347, AJ010346
666	HBAHC42	874726	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1515 of SEQ ID NO:666, $b$ is an integer of 15 to 1529, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:666, and where $b$ is greater than or equal to $a + 14$ .	AI590204, AA888858, AI915839, AI623511, AA506691, AA598909, AA621684, D60400, AA694016, C15028, AA513161, AA635146, D60469, D62914, D50640
667	HUSGQ4S	874727	Preferably excluded from the	AI480121, AA649066, AI673083, AA393762,

			present invention are one or more polymucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1006 of SEQ ID NO:667, $b$ is an integer of 15 to 1020, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:667, and where $b$ is greater than or equal to $a + 14$ .	AA862483, AW300415, AI205871, AI243398, AA805344, AI472932, AA708627, AI368938, AA877843, AA456841, R77915, AW13999, AI684582, AA764940, R78016, AW023585, AA209140
668	HBMXP34	874728	Preferably excluded from the present invention are one or more polymucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 796 of SEQ ID NO:668, $b$ is an integer of 15 to 810, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:668, and where $b$ is greater than or equal to $a + 14$ .	AI792688, AI202262, AW439428, R30837, AI693225
669	IHEME74	874732	Preferably excluded from the present invention are one or more polymucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 2487 of SEQ ID NO:669, $b$ is an integer of 15 to 2501, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:669, and where $b$ is greater than or equal to $a + 14$ .	AW274756, AW182379, AW051349, AA922068, W02396, AI693750, AA400751, AA05937, AI457629, AI269931, AA775695, AA310528, AA312213, AA194249, AA699614, AW028098, AA805247, AA505197, AA548104, AA948551, AA158267, AI038906, AI741887, AI032086, AW151955, AA193119, AI022731, AA234296, AA777005, AI571555, AA701969, AI375089, AI982583, W44357, AI797542, AI436645, N90821, AW172699, T26677, AI332630, W01662, N34645, AW043907, N67039, N21679, AA284197, W40197, AI085767, AA766813, AA284198, N35501, AA512994, AI338224, AI367890, AA688264, AA731320, W45710, AA400669, AI291688,

		<p>AW294908, AA604274, R82672, AA345093, H83598,      AA702282, W68424, N72570, N34412, AA251019,      AA284086, AI334727, H78499, N64397, H77362,      AA810816, AA262986, AI700747, AA251120,      AI382959, T26676, N48646, AI167208, AI472804,      AA702898, AA354227, AA031990, AW366346, R11174,      AI473124, R82730, R94344, AW182231, W01844,      AA094055, T91181, H78402, AA010076, AA736883,      R58001, Z41608, W19801, T18591, AA355137,      AA347089, T79458, AA256155, N71636, C16696,      R11175, D79173, AI193926, T99728, N75337,      AI767506, AA714340, AA890568, AA491304, R13196,      T99729, AI270066, AA806344, R28156, T90012,      W68522, Z42074, R28155, AA091353, AA170845,      T84690, AA058876, AA031989, N90004, R93023,      AA248312, AA256212, AA585248, T79548, T25445,      AC005156, AC000065</p>	
670	HCNDN66	874737	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 415 of SEQ ID NO:670, b is an integer of 15 to 429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:670, and where b is greater than or equal to a + 14.</p>
671	H2CBI61	874741	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1468 of SEQ ID NO:671, b is an integer of</p> <p>AI609152, AI818924, AI356291, AA401242, N48523,      AA307559, AA130794, AI078381, AA130708,      AA311805, AI198283, AI201085, AA446714,      AI077572, AI694848, AW016425, AA190411,      AA577072, AA102778, AA114156, AI671975,      AI923123, AA215731, AA978209, AW025780,      AA215665, AA446587, AI277223, Z24841, AA190801,</p>

		15 to 1482, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:671, and where b is greater than or equal to a + 14.	F35734, AI904194, R44726, F26140, T16749, AA295023, AA761079, AI991909, AI581346, AI382586, AI919306, F00168, AI557129, AI884969, E15521, U70732
672	HCQAE09	874744	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 593 of SEQ ID NO:672, b is an integer of 15 to 607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:672, and where b is greater than or equal to a + 14.
673	HCNDP23	874745	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 456 of SEQ ID NO:673, b is an integer of 15 to 470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:673, and where b is greater than or equal to a + 14.
674	HCQBE66	874746	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1096 of SEQ ID NO:674, b is an integer of

			15 to 1110, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:674, and where b is greater than or equal to a + 14.	
675	HCQAKS9	874747	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 236 of SEQ ID NO:675, b is an integer of 15 to 250, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:675, and where b is greater than or equal to a + 14.	AI392817, H50875, AI983401, AA468705, AI991177, AI310431, AI765153, AA602377, AI867382, H50876, R99562, AA776326, T25070, AF176114, L12141, X74938
676	HCQAR64	874748	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 678 of SEQ ID NO:676, b is an integer of 15 to 692, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:676, and where b is greater than or equal to a + 14.	299396, AL119355, AL036418, AL038837, AL037051, AL036725, AA631969, AW392670, AL039074, U46349, AL036924, AL036858, AW372827, AL038509, AW384394, AL039564, AL039085, AL039156, AL039108, AW363220, AL039109, AL039128, AL119497, AL119483, AL119457, AL119319, AL036190, AL119324, AL119443, AL037094,
677	HWMAC4	874749	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 348 of SEQ ID NO:677, b is an integer of	8

		15 to 362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:677, and where b is greater than or equal to a + 14.	AL037639, AL039659, AL119341, AL036196, AL119484, AL119363, AL119391, AL037526, U46350, AL119522, U46351, U46341, AL038531, AL036767, AL119335, AL037082, AL036238, AL119396, AL119436, AL119418, AL042909, AL119496, AL039625, AL039648, AL045337, AL036268, AL042984, AL038447, AL039386, U46347, AL037085, AL119444, U46346, AL039678, AL119401, AL039629, AL134902, AL037205, AL119439, AL039423, AL038520, AL039150, AL037077, AL036998, AL036733, AL042551, AL037615, AL038851, AL040992, AL134538, AL042614, AL042975, AL042965, AL134527, AL036719, AL119399, AL134525, AL042433, AL142131, U46345, AL037178, AL037027, AL119464, AL043033, AL043029, AL142134, AL036679, AL043019, AL042544, AL042450, AL043011, AL039410, AL042542, AL036191, AL036765, AL043003, AL037021, AL036774, AL036158, AL036886, AR066494, AR060234, A81671, AR023813, AR064707, AR069079, AR054110, AB026436	
678	HCQBE76	874750	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 320 of SEQ ID NO:678, b is an integer of 15 to 334, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:678, and where b is greater than or equal to a + 14.	
679	HWLCA32	874751	Preferably excluded from the present invention are one or more polynucleotides comprising a	

			nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 599 of SEQ ID NO:679, $b$ is an integer of 15 to 613, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:679, and where $b$ is greater than or equal to $a + 14$ .	
680	HWLHH20	874752	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 386 of SEQ ID NO:680, $b$ is an integer of 15 to 400, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:680, and where $b$ is greater than or equal to $a + 14$ .	AA541466, AW192480, AW393644, AW392419, AF151978, Z96810
681	HCQBI72	874753	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 571 of SEQ ID NO:681, $b$ is an integer of 15 to 585, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:681, and where $b$ is greater than or equal to $a + 14$ .	AI567502, AI921463, AI570914, AI679795, AI623354, AI573055, AI583952, AW338193, AI249363, AI431423, AI460112, AA132183,
682	HCQBH60	874754	Preferably excluded from the present invention are one or more polynucleotides comprising a	

			nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 596 of SEQ ID NO:682, b is an integer of 15 to 610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:682, and where b is greater than or equal to a + 14.	AI453724, AI520713, AI682808, AI582940, AI634287, AI640689, AW193016, AI700372, D25704, AI245910, AI571582, AA149529, AA837986, AA592922, AW192250, AW360825, AW360800, AA053011, AI583942, AI114671, AA502754, E01630, M15042, M17303, M59709, M29540, I08156, AF113017
683	HMMMB1	874755	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 401 of SEQ ID NO:683, b is an integer of 15 to 415, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:683, and where b is greater than or equal to a + 14.	AI583942, AI734872, AI520713, AI749559, AA524877, AW192250, AI921463, AA132183, AI583952, AI640689, AA149529, AW338193, AI453724, AA053011, AI249363, AI567502, AI431423, AI571582, AI623354, AI570914, AW193016, AI679795, AI573055, AI682808, AI460112, D25704, AA837986, AA502754, M59709, E01630, M15042, M17303, M29540
684	HCQCB28	874756	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:684, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:684, and where b is greater than or equal to a + 14.	AI857685, AI127950, AI498052, AI093116, AI937245, AA837396, AA931150, AA894527, AI077433, AA814942, AA729327, AA910659, AA836412, AA564324, AI623269, R16770, AA846844, AA9332274, T89616, AI470094, AI208399, W19090, N79612, AI698941, AF001548
685	HCQCC66	874757	Preferably excluded from the present invention are one or more polynucleotides comprising a	AL049651, AC006928, AL133371

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:685, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:685, and where b is greater than or equal to a + 14.	
686	HOELS72	874758	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 267 of SEQ ID NO:686, b is an integer of 15 to 281, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:686, and where b is greater than or equal to a + 14.	AI374739
687	HCQCB62	874759	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 164 of SEQ ID NO:687, b is an integer of 15 to 178, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:687, and where b is greater than or equal to a + 14.	AA299543
688	HCQCC13	874760	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI970919, C20819

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 323 of SEQ ID NO:688, b is an integer of 15 to 337, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:688, and where b is greater than or equal to a + 14.	
689	HCQCF83	874763	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:689, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:689, and where b is greater than or equal to a + 14.	AA443394, AA993080, N39733, AA328123, N26638, AA446382, AA328400, AI357465, AI471723, AI367772, AI191860, D20715, AI567979, AI376199, AA569983
690	HCQAF27	874764	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 414 of SEQ ID NO:690, b is an integer of 15 to 428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:690, and where b is greater than or equal to a + 14.	T58797
691	HCQCJ56	874765	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI674974, AI217307, AA813576, AI824976, AA994749, AI244904, AI262935, AA020796, AA234517, AA443035, AW079079, AA463478,

		nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1273 of SEQ ID NO:691, b is an integer of 15 to 1287, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:691, and where b is greater than or equal to a + 14.	AA694400, AI005463, AA776532, R00437, R00438
692	HCQCD88	874766	<p>PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF A-B, WHERE A IS ANY INTEGER BETWEEN 1 TO 337 OF SEQ ID NO:692, B IS AN INTEGER OF 15 TO 351, WHERE BOTH A AND B CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:692, AND WHERE B IS GREATER THAN OR EQUAL TO A + 14.</p> <p>AI242329, AI242339, AI097229, AA932068, AA516371, AW001485, AA523948, AW196074, AA555145, AI345471, AA814721, AI270039, AI679261, W48671, AI336503, AI590755, AW085350, AI798359, AI345608, T27702, AA853473, AW079334, AI559863, AW022494, AW020288, AW088560, AW022542, AA662117, AW020144, AI821062, AW104141, AW029457, AI309306, AA761557, AI866419, AA575874, AA653459, AI932739, AL048644, AL110373, N27632, AW081103, AA629977, AW191844, AI557808, AI589428, AI612885, AI345677, AW162189, AI630932, AW022636, AI640370, AW059713, AI289791, AA766618, AI340653, AW021717, AW083168, AW081383, AI539781, AI538850, AI500113, AI702343, AW020048, AW148882, AW191003, AL046021, AI539707, AL048499, AL110402, AA215584, AW021662, AI623302, AA219283, AA665612, AW020328, AW151979, AI784214, AI86691, AI801325, AI524654, AI225248, AW071377, AI362332, AI469516, AL046262, AW404239, AI431307, AA977351, AI421662, AI648494, N75779, AI431316, AI912496, AI273179, AI335476, AI633061, AI431238, AW055261, AI699175, AI821259, N25033, AI345562, AW082600, AI203903, AI312210, AL041924, AI340533, AI500662, AI309431, AW022102, AI345739, AW009066,</p>

	AI348854, AI133029, AI312143, AI340511, AI624304, AI334895, AI687568, AI336495, AA587590, AA613255, AI344931, AW085786, AI340644, AI307507, AA420758, AI250627, AI251221, AI310920, AI571699, AI310927, AW265004, AI307503, AA088789, AI866820, AI886055, AI307578, AI336488, AI472536, AI360195, AI336565, AI677797, AW148303, AI932949, AI623736, AA514684, AI560545, AI379711, AI349186, AI334913, AI312432, AI310930, AI343131, AI537516, AI310592, AI307542, AI312271, AI915295, AI926593, AI43903, AI312333, AI583578, AI312963, AA928539, AI285417, AI340537, AW172723, AW151451, AI249946, AI244380, AI242736, AI285514, AI224373, AI866573, AW190297, AI446110, AI370322, AI440444, AI312431, AI624475, AI307459, AI343140, AI334920, AW161098, AI553669, AI345014, AI349971, AW079768, AI815232, AI805769, AI434242, AI636788, AW131994, AL049003, AI049856, AI500523, AL049053, AI312261, AA207067, AI925402, AI334930, AI343030, AI349805, AI609420, AI061180, AI887775, AI446124, AI307505, AI582932, AW189933, AI307549, AW238688, AI452857, AI872423, AI590043, AI284517, AI923989, AI310606, AI336585, AI334738, AI500706, AI491776, AI445237, AL042731, AC007360, AC005013, AL021393, AE00664, AC007298, S77771, AL137541, AL031346, AC002564, AL031274, AF162270, AC002538, AP00697, E12579, AP000083, AF003738, AF090940, L30117, AF095901, Z93784, AC007114, AC004383, AC003977, E12580, Z92543, AF206503, J05032, AL117440, AC000053, Z82206, AC002060, AP000344, AL050322, AC004554, AC002457, AC002540,
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	AC007390, D83989, AR038854, A18777, AL096776, AP000020, AL033521, AC008067, AC005992, AR050959, AF003737, L19437, AF061795, AF151685, X93495, Z49258, AP000361, AP000458, U89335, AC005057, AC005091, AL035587, AC005048, Z94277, AC006017, AC008014, AC007172, AC006371, U66059, AF113689, AC002377, AC003042, A08907, AC005911, AF146191, A23630, AC002531, U96074, AF012536, AL122021, AJ131955, AF110417, A27171, AC002287, AL080245, AL033523, AP000130, AP000208, AP00247, AL031295, AL034376, AC018767, X97332, AF113019, A65340, U76419, AL137574, D38178, AB022159, U69730, AL031732, AC007748, Z99297, AL030998, AC005886, AC004837, AL020994, AC009113, AC004057, AC005296, AF042090, AC018769, E03348, AL022147, Y11587, AF215669, E03349, AR059958, AC006944, AL080150, AF098162, AP00250, AC004213, AC003005, U95739, AP000211, AP00133, AP000030, AC004974, AC010072, AC004686, AC009233, U67232, I48978, AC002464, AC005940, AL049553, AF141976, AC005353, X00861, AF150103, AF000145, AR036183, Z98036, U67211, AL136130, AC004111, AC004690, U77594, I22272, AF169154, Y08769, A41579, AL133070, X83544, AF076633, S59519, AL049377, AL122098, AB007812, AF205861, U62966, AL050129, AF044323, AL137273, X93328, AF085809, AL133565, J05277, Z30970, Y15724, AJ238093, AC006561, AC004989, AC005876, AL049742, AC002428, AC004062, AC005341, AC006479, AF109683, U08374, AC006205, AF179633, Z99289, Z82250, AC009286, AC005295, Z98049, A48221, AC005790, Y17327, AF060868, AF067790, AL079340, A41575, AR000496, AL133088, U39656, AL137536, AC004553, AF109155, AF090886, I30339, I30334, S55987, M64936, AC006203, AF139373, A48220, AC006344, AC006112, AL008735, AC005778,
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			AL034374
693	HE8OJ09	874767	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1190 of SEQ ID NO:693, $b$ is an integer of 15 to 1204, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:693, and where $b$ is greater than or equal to $a + 14$ .
694	HCQCR67	874768	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 269 of SEQ ID NO:694, $b$ is an integer of 15 to 283, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:694, and where $b$ is greater than or equal to $a + 14$ .
695	HPHAA27	874769	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 2719 of SEQ ID NO:695, $b$ is an integer of 15 to 2733, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:695, and where $b$ is greater than or equal to $a + 14$ .

696	HCR0V23	874772	or equal to a + 14.	<p>Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:696, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:696, and where b is greater than or equal to a + 14.</p> <p>Z99396, AW392670, AL119457, AW372827, AW384394, AL119497, AW363220, AL119319, U46351, U46350, AL119341, AL036418, AL038837, AL119484, AL119391, AL119443, AL119522, AI142131, AL037051, AL036725, AL119355, AL119483, AA631969, AL119363, AL119418, U46341, AL037205, U46349, AL119335, AL119396, U46347, AL119496, AL036858, AL119401, AL038509, AL134525, AL134536, AL039074, AL119444, AL119439, AL042614, AL036924, AL042984, AL134531, AL042975, AL042551, AL037526, AL134538, AL134902, U46346, AL042989, AL042450, AL079442, AL043033, AL037639, AL042433, AL037094, AL042978, AL037082, AL037077, AL042973, AL042980, AL042965, AL036196, AL119399, AL043003, U46345, AL039564, AL037085, AL043000, AL079683, AL036767, AL038520, AL036190, AL038447, AL036268, AL037021, AL036774, AL037178, AL036998, AL036733, AL037615, AL036238, AL037027, AL036765, AL036719, AL036191, AC005822, AR066494, AR060234, A81671, AR023813, AR064707, AB026436, AR054110, AR043113</p>
697	HCRMZ5	874773	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 934 of SEQ ID NO:697, b is an integer of 15 to 948, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:697, and where b is greater than or equal to a + 14.	<p>AA306038, H82569, AI754064, AA304583, AW130468, H65119, AA608729, R26953, AA664163, AW272606, R33048, R27084, AA152404, AA227482, AA347232, AC007051, AC007919</p>
698	HCRMZ85	874774	Preferrably excluded from the	AW027705, AI341165, AI652171, AL079653,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1480 of SEQ ID NO:698, b is an integer of 15 to 1494, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:698, and where b is greater than or equal to a + 14.</p>	<p>AA455320, AI262672, AI021922, AA564575, N76045,            AA100397, AI041471, AI350656, AW391751,            AI082743, AA243478, AA627599, D19863, AA249024,            AF181897, W04450</p>
699	HCROM08	<p>874775 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 289 of SEQ ID NO:699, b is an integer of 15 to 303, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:699, and where b is greater than or equal to a + 14.</p>	<p>AI432644, AL042853, AI431307, AI431316,            AI431238, AI047611, AI866581, AI815239,            AI440260, AW151974, AI623302, AI567971,            AI927233, AW151132, AI440238, AI866465,            AI539771, AI537677, AI494201, AI804505,            AI500659, AI815232, AI801325, AI866691,            AI500523, AI538850, AI887775, AI582932,            AI923989, AI590043, AI872423, AI284517,            AI500706, AI445237, AI491776, AI289791,            AW151138, AI926593, AI889189, AI521560,            AI285417, AI500662, AI539800, AW172723,            AI284509, AI582912, AI538885, AI440263,            AI889168, AI866573, AI633493, AI434256,            AW151979, AI866469, AI805769, AI434242,            AI888661, AI500714, AI284513, AI888118,            AI285439, AI859991, AI436429, AI623736,            AI355779, AI889147, AI581033, AI371228,            AI491710, AI440252, AI866786, AI860003,            AI610557, AI242736, AL042488, AI828574,            AI539260, AI887499, AI539781, AI539707,            AI702065, AI885949, AI285419, AW089557,            AI559957, AI521571, AI469775, AW074057,            AI567953, AI815150, AI446495, AI952433,            AI867068, AI225248, AL046356, AI358271,            AI698352, AI282249, AI371229, AL041862,</p>

	AI043089, AW194509, AI955441, AL043321,
	AW058275, AL042533, AW151136, AL042515,
	AL040207, AI889191, AI432666, AI890907,
	AI866458, AL047422, AI561170, AI371251,
	AW162189, AI866510, AI888575, AI690946,
	AI469764, AL045891, AL047398, AI866461, W48671,
	AI923046, AI648567, AL042365, AI433157,
	AI521551, AL042944, AI888317, AI432653,
	AI798359, AI431323, AL043091, AL042729,
	AI431321, AI554821, AL135012, AI521465,
	AI049859, AL042787, AI863197, AI432656,
	AI267492, AL048403, AI334804, AL042655,
	AI371243, AI924051, AW129310, AL039390,
	AI885920, AL042981, AI521566, AA928539,
	AI1273179, AA749449, AI446536, AI872315,
	AI1798571, AI431315, AI539863, AI582910,
	AI285432, AI366900, AI355008, AI366910,
	AI203903, AL134524, AI623941, AL045619,
	AI561177, AL046990, AI493559, AI687614,
	AI888022, AA878808, AI252414, AW269092,
	AI582926, AI312364, AI801286, AI345180,
	AW274312, AI274759, AW269098, AL037602,
	AW268251, AI355017, AI499463, AL039287,
	AI355126, AI433976, AL045166, AI354981,
	AI610362, AW268768, AL037582, AL042745,
	AI567961, AI440239, AI521596, AI436438,
	AI888002, AI307604, AI521589, AI500061,
	AA504514, AI687588, AI537273, AI828572,
	AI537191, AW151970, AI436456, AI371265,
	AL046681, AI049850, AI963846, AI252153,
	AI567940, AI610357, AI817244, AI440261,
	AI612913, AL040459, AW151131, AI537943,
	AW075138, AI476694, AI285826, AW131994,
	AI539690, AI863014, AI955221, AI521594,
	AI355765, AI499512, AI889133, AI538881,
	AI805774, AI954200, AI927252, AI499508,

	AI499483, AI866820, AI500658, AI537925, AI282268, AL049423, AL133053, AF078844, AL133049, AL122101, AL133084, AL133113, AL133070, U30290, AL122049, E12806, AL133074, AF109683, AF090903, D83032, AL133557, I46765, AL117416, AL133015, U49908, S77771, A83556, A08910, AF058921, AL133608, A08909, AL122106, AF044221, A08908, A76335, E01614, E13364, AL137479, E12580, AF162782, I48978, AL137268, E06743, AF207750, X60786, AL080137, AL133565, AC004399, AL133076, AF028823, AF118092, AF017790, E13998, AF031903, A18777, AL137533, AC004213, AL022170, A08913, AF126247, AF082526, A86558, X79812, AF215669, S59519, AL137574, M27260, AL137555, AL137539, A08912, AF002985, AF11112, S83456, AL137298, AL049382, E06788, E06790, AR034821, E06789, AL122121, A18788, AF100931, AF159148, AL133655, AF026124, AF090886, S83440, AL031274, AC006039, E12579, S76508, AF113019, X66871, E05822, AL049314, AL137529, AF151109, AL133054, A65341, D00174, A14605, E01187, AF004162, AL137705, AF162270, E01963, I77092, AL137550, AL136884, D83989, U83980, AL080110, AF031147, AF079763, AF125949, AF039138, AF039137, AL133047, AF098162, AL110218, AC004383, AC002287, AC007869, AL133560, E128888, S63521, Y16645, AL137286, AL137478, AF013249, U58996, AF036268, AL137273, AL137488, AF185576, M92439, AR053103, AF182215, AL137276, AF113689, AL050024, D44497, AL117583, U53505, AF111849, AL133607, AF142672, Y09972, AL137541, AL117440, AL031346, AC005353, Z93784, AC005057, Z98036, AC007390, AC006501, AC007172, AC007056, AC007392, AC009233, AC005291, AC007298, AC006371, A32826, A30330, A32827, A30331, AL137557, A65340, AL049430, AF132676,
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			AF061836, AL122100, AF150103, AL117629, AB016226, AF110329, X87582, X99257, AF054986, I33392, AF118090, I42402, AL117457, AF026008, AL133016, AL133029, X86693, AL133014, AL050155, AF112208, X63574, AL137480, AR011880, U88966, D16301, S78214, I89947, AR022283, AL133104, AL137526, AL049283, AL122111, AF036941, AF076633, AF153205, I48979, AL137284, AF180525, AL096751, AL133010, AF085809, X59414, AL080074, AC004200, AL050322, AL035458, AL133665, X72387, D55641, AL117648, AL122110, AF091084, AL049324, S78453, X66862, AL109672, I33391, AJ000937, A77033, A77035, X70685, AF069506, X72624	AW236463, AA934586	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 533 of SEQ ID NO: 700, $b$ is an integer of 15 to 547, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO: 700, and where $b$ is greater than or equal to $a + 14$ .	AL041196, AI174734, AI818167, AW027175, AI885412, AA861637, AI567464, AW007757, AL046529, AI199674, AW131788, AW058096, AI278213, AA314076, AI763223, AA826815, AA314412, AW169713, AA504396, AA256252, AI631521, AA488830, AA193266, AA614090, AI347284, AA603136, AW138007, AI248206, AA568780, W02835, N29825, AI091040, W30817, AA193528, W05581, AA310732, AA338877, AW083404, N70535, H81457, AL041195, AI571295, AI873719, AI953166, AA863177, H47241, T05339, AA987274,
700	HBIPL82	874776	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 533 of SEQ ID NO: 700, $b$ is an integer of 15 to 547, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO: 700, and where $b$ is greater than or equal to $a + 14$ .	AW236463, AA934586	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 533 of SEQ ID NO: 701, $b$ is an integer of 15 to 2401, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO: 701, and where $b$ is greater than or equal to $a + 14$ .	AL041196, AI174734, AI818167, AW027175, AI885412, AA861637, AI567464, AW007757, AL046529, AI199674, AW131788, AW058096, AI278213, AA314076, AI763223, AA826815, AA314412, AW169713, AA504396, AA256252, AI631521, AA488830, AA193266, AA614090, AI347284, AA603136, AW138007, AI248206, AA568780, W02835, N29825, AI091040, W30817, AA193528, W05581, AA310732, AA338877, AW083404, N70535, H81457, AL041195, AI571295, AI873719, AI953166, AA863177, H47241, T05339, AA987274,
701	HBXVBV89	874778	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 2387 of SEQ ID NO: 701, $b$ is an integer of 15 to 2401, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO: 701, and where $b$ is greater than or equal to $a + 14$ .	AW236463, AA934586	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 533 of SEQ ID NO: 700, $b$ is an integer of 15 to 547, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO: 700, and where $b$ is greater than or equal to $a + 14$ .	AL041196, AI174734, AI818167, AW027175, AI885412, AA861637, AI567464, AW007757, AL046529, AI199674, AW131788, AW058096, AI278213, AA314076, AI763223, AA826815, AA314412, AW169713, AA504396, AA256252, AI631521, AA488830, AA193266, AA614090, AI347284, AA603136, AW138007, AI248206, AA568780, W02835, N29825, AI091040, W30817, AA193528, W05581, AA310732, AA338877, AW083404, N70535, H81457, AL041195, AI571295, AI873719, AI953166, AA863177, H47241, T05339, AA987274,

		or equal to a + 14.	AA864580, AI471327, AA338878, AI025214, AA255990, AA04772, AI557174, AI383280, AA229290, AA30912, AA229402, AW411021, N42518, AA761693, AA683316, AI904108, AI186957, AL134181, AA489077, AA861300, Z24985, Z36784, AC005254, AF001905, AC006430	AI820778, AI733535, AI820693, H25353, AF029308, U66061, AL049546, AC005345, AC004949, AL031007, AF003530, AC006548, AL030998, U73465, AC006479, AC007486, U80460, AL079333, AC005160, Z82216, AL009174, AL049875, AC007064, AL133312, AC005926, AC004911
702	HCRPM45	874779	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 702 of SEQ ID NO:702, b is an integer of 15 to 716, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:702, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 397 of SEQ ID NO:703, b is an integer of 15 to 411, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:703, and where b is greater than or equal to a + 14.
703	HCQCT75	874780	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 397 of SEQ ID NO:703, b is an integer of 15 to 411, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:703, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of
704	HCRPO92	874781		AA456950, AA386216

		SEQ ID NO:704, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:704, and where b is greater than or equal to a + 14.	AI910713, R42070, AW003035, AI793046, AI653141, AA402495, AI769220, AI440526, AI280082, AI263023, AI680237, AW136904, AI359977, AI269309, AA405739, AA576608, AA513373, AI654888, W95226, AI609921, AI139078, AA933769, AI761067, AW009454, AW023685, AW299728, AI149440, AA405990, AA309655, AI762571, AI440034, AI000653, AI361426, AA535028, AA911081, AB868332, AI203844, AI499146, AL041862, AL046356, AL04765, AL042745, AL047092, AL045891, AL119748, AI866798, AL079977, AI250852, AI537273, AI799195, AI432666, AL042628, AI273142, AL045774, AI431424, AI436429, AW089664, AW131308, AI627988, AL042744, AL046926, AL045620, AL042787, AI371228, AL040243, AW149227, AI610557, AL045266, AL040207, AI800433, AI570781, AI433976, AL045500, AI433157, AL042488, AW151136, AI539771, AI537677, AI494201, AI500659, AI554821, AI815232, AI801325, AI500523, AL042538, AI582932, AI284517, AI923989, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AI284509, AI889168, AI866573, AI589267, AI633493, AI434256, AI805769, AI888661, AI284513, AI681985, AI888118, AI636445, AI889147, AI440252, AI610402, AI611348, AI366900, AI625589, AI039276, AW148716, AL042551, AW071417, AI045163, AW172723, AI572892, AL049085, AI887247,
705	HCRNM87	874783	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 318 of SEQ ID NO:705, b is an integer of 15 to 332, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:705, and where b is greater than or equal to a + 14.

	AI624548, AI590423, AI439717, AL048323, AW169653, AI800453, AW105601, AI567612, AI445165, AI269862, AI620284, AI246319, AW193134, AL043089, AI869377, AI866510, AI279984, AW082113, AI860003, AI564170, AI887499, AI758735, AI819970, AI590632, AL047422, AI537515, AW152469, AI073952, AW059837, AI497733, AI679179, AI364788, AI932638, AW104162, AW078735, AI275175, AI446373, AI500077, AW088903, AW089572, AI826225, AI8111785, AW054931, AI440263, AW023590, AI499463, AI824576, AI432656, AA833760, AW089471, AI916419, AI564765, AL046990, AL036980, AW169604, AI829327, AI866786, AI918655, AI433384, AI610362, AI368868, AA012905, AW075413, AI520810, AI251434, AI274728, AI859585, AI963216, AI922901, AI440239, AI340659, AI784252, AW084869, AI932794, AI334930, AW302992, AW074869, AW268253, AI302910, AL042627, AI868204, AI890806, AA493923, AI680463, AI436456, AI306705, AI612885, AI801544, AI963846, AI567940, AI817244, AW151714, AI612913, AW148970, AI349957, AI690426, AI285826, AI564247, AW169848, AI863014, AI521594, AI499512, AW152024, AI889133, AI783861, AI872423, AI969601, AI567993, AI049851, AI954130, AI955987, AI923046, AI679764, AW118237, AI280670, AI859991, AW194441, AL040097, AI434223, N80094, AI610307, AI610429, AI433968, AI814087, AI446248, AW073898, AL122049, AI117585, AI12297, I033321, X96540, AF106862, A08916, AI133014, I89947, I48978, A08913, I89931, A08910, I49625, A08909, Y11587, AF153205, S61953, AL080074, AL133098, AL049464, AL110225, I26207, AF158248, X93495,
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	E03348, L31396, U68387, AF146568, AL133072, L31397, AF104032, AF118064, AF118070, AL049314, AL137526, A08912, AL122110, AF017437, AL133080, AL137560, AL133077, E07361, AF11851, M30514, AL080127, AL137556, AF090943, U58996, AL133557, AF162270, AL137463, AL110280, AF113694, X82434, I48979, AL137557, AL122050, AF113676, AL133568, U80742, AL133113, U72620, AL049466, AF067728, X84990, AL050277, X72889, L19437, AL049452, I09360, Y11254, AL133640, AL117583, Z82022, AJ242859, Y14314, AL080124, AL137476, AL122123, AL050138, AL049300, AR038854, AF017152, AL133016, I00734, AF061943, U00763, AR038969, AF003737, AL133093, AL137550, X70685, AJ238278, E00617, E00717, E00778, S68736, AL117394, AL133565, U91329, AF111112, AL080060, AF113689, X87582, U67958; AL080159, AR00496, U39656, L30117, AR059958, AL137538, AL122098, U96683, AL133075, A45787, AL096744, AL117440, AL080137, AL137527, AF026816, AL122121, A93016, AF026124, S78214, E08631, AF125948, AL117435, U35846, AL137283, AF118094, A90832, A77033, A77035, AL137459, AL117460, AL117457, AL122093, AL137521, A58524, A58523, AF113019, AF113699, E15569, AF113691, AF113013, AB019565, AF078844, AF091084, AL133104, AF113690, AF113677, AF097996, Z72491, I42402, AL137648, E07108, AL050149, AL050116, AF125949, AL050146, AF090896, X65873, U42766, AL133606, AL133560, X63574, AF057300, AF057299, AR011880, AF119337, AL133067, AF090934, Y16645, A65341, E05822, AL050024, E04233, AL110196, AJ000937, AF087943, AL049430, I33392, AL049382, AL137271, E02349, AF183393, A93350, AL110221, AF090900, AF090903, Y09972, A07647, AL050108, AF177401, AF185576, AF090901, AL050393, AF079765, A03736, AJ012755,
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		X98834, E08263, E08264, AF061573, I41145, Z37987, U78525, AL137292, AL133049, AL137533, AL117432, E02221, AJ006417, AL080086, AL049938, AL049283, AF051325, AL137523, AF079763, AF111849, X92070, Y07905, AL050092, AL137480, AF008439, AB007812, AL110197, U49908, AL050172, X53587, AL137478, AF132676, AF061836, AF210052, AL122118, AF081197, AL133081, AR054984, AR013797, AL137273, AL137294, AF100931, X62580, AF067790, AL122111, AL080158, AF061795, AF151685, AF106827	
706	HBJFU36	874784	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 712 of SEQ ID NO:706, b is an integer of 15 to 726, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:706, and where b is greater than or equal to a + 14.
707	HCRPZ29	874785	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 539 of SEQ ID NO:707, b is an integer of 15 to 553, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:707, and where b is greater than or equal to a + 14.
708	HCRON58	874786	Preferably excluded from the

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:708, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:708, and where b is greater than or equal to a + 14.	AW271686, AW025554, AI420969, AI202304, AA375089, AA337142, X55740, D14541, J05214, L12059, U21730
709	HCRNG90	874787	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1061 of SEQ ID NO:709, b is an integer of 15 to 1075, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:709, and where b is greater than or equal to a + 14.	H49070, AI557262, T18597, AI557241, AI536138, AI525556, AI557084, Z32887, D59751, AI525500, AI557533, AI525302, AI525757, AI536070, Z33559, AI541356, AI557864, AI535660, AI557238, AI526078, AI557082, AI541365, AI557317, AI541205, AI557809, AI525316, AI525856, R29657, AI535639, AI540903, AI541321, AI525878, AI557731, D50992, AI541034, AI535813, AI557602, AI525568, AI525656, AI557155, AI557810, D30843, AI540974, AI541353, AI546829, AI541027, AI541048, AI541075, AI541346, AI536150, AI557312, AI557258, AI541450, AI557222, R18946, AI557408, AI557039, H65400, AI525666, AI535994,
710	HCQDT67	874788	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 739 of SEQ ID NO:710, b is an integer of 15 to 753, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:710, and where b is greater than or equal to a + 14.	

				N71206, AI557234, A62298, A82595, Z30183, A82593, AF006072, AR050070, U94592, U45328, A62300, AR025466
711	HCYAC32	874790	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 765 of SEQ ID NO:711, b is an integer of 15 to 779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:711, and where b is greater than or equal to a + 14.	AA308814, AA305159, D80268, D80366, C14014, C14389, F13647, C06015, D80522, Z21582, D81111, AW177440, D81026, C14227, D58283, AW178986, D80188, T03116, D50979, AA305578, D51423, D80251, D80043, AW352117, AA305409, D59859, D80253, D80168, D80166, D59619, D80210, D51799, D80240, D80064, D59502, D80014, D81030, D80038, AA514188, C14331, D80212, D51022, D80219, D80022, AA514186, D57483, D50995, D80195, D59467, D80391, D80164, D59275, D59787, D80227, D80024, D51079, D80439, D80248, D59610, D59889, D80196, D59927, C15076, D80269, AW178762, T03269, D80247, D80193, T11417, D80045, D80241, D80133, D80378, D51759, D52291, D80157, AW378533, C14407, C14298, AW178893, AW178906, D80302, AW360811, D51103, AW377671, D59627, AW378540, T02974, AI557751, AW378539, AW375405, D80258, AW179328, D51213, AW179019, AW378532, D45260, AW366296, AW360817, AW179020, T48593, AW375406, AW378534, AW377676, AW352171, AW179332, AW377672, AW179023, AW178905, AW177731, AW378528, AW178754, AW179024, D51250, H67854, AA809122, AW352170, AI525923, AW177456, C03092, AW178907, AW178908, AW179018, AI525917, H67866, D59317, AW360834, D59474, AW367950, D58246, AW178914, AW178774, AW178781, AW378543, C14957, D59503, AA514184, D51221, AW179013, Z30160, C14344, C14973, AI525920, AI525235, AW378525, AW352163, D58101, AI557774, AI525912, AI525227, AI535686, AI525242, T03048, D59551, C16955, H67858, AI525215, AA285331, D45273, AW378542, AI525925, Z33452, AI525237, T02868, C13958, D50981, AB024705, AR008278, AR060385,

			AR018138, A62298, AJ132110, A84916, A62300, AF176315, AB028859, AF058696, AB002449, X68127, I50126, I50132, I50128, I50133, X67155, Y17188, D26022, A25909, AR060138, AR016514, A67220, D89785, A78862, D34614, Y12724, A45456, AR008443, A26615, AR052274, A94995, AR066488, Y09669, A43192, A43190, AR038669, AR066487, A30438, D88547, I14842, AR054175, AR008277, AR008281, Y17187, AR016808, X82626, D50010, A63261, AR025207, AR008408, AR062872, A70867, AR016691, AR016690, U46128, I79511, A64136, A68321, AR060133, D13509
712	HCYBK32	874791	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:712, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:712, and where b is greater than or equal to a + 14.
713	HWMCE07	874793	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 863 of SEQ ID NO:713, b is an integer of 15 to 877, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:713, and where b is greater than or equal to a + 14.

714	HCROL83	874795	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 642 of SEQ ID NO:714, b is an integer of 15 to 656, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:714, and where b is greater than or equal to a + 14.	AL021182, AC005304, AC002509, AC004801, AC007073, AC004870, AC004835, AC004963, AL034449, AJ010597, AP000965
715	HCYBM89	874796	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1516 of SEQ ID NO:715, b is an integer of 15 to 1530, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:715, and where b is greater than or equal to a + 14.	AL079941, AA992942, AI817243, AI767556, AI766123, AA541673, AI016265, W37912, AI088252, AI87112, AW327720, AW024610, AW408508, N45388, N29507, AI569234, AI347459, AA156676, AI440004, AW452133, AA503868, AA703764, AI478659, AA112546, AA812913, N26817, AI819565, AA305708, W96378, AI311576, AA278209, AA305267, AA480175, W84794, AA581604, AA581605, AW337265, R73725, AI383351, AI024650, AI365019, AA112610, N99139, H54289, AI453204, AI637926, AW005019, AA193572, AA773660, W96377, AA463676, AA458599, W84841, R80844, H03715, AA781700, AA894704, H54367, W15585, AA445962, AA250802, AA431705, R52442, R80845, W23974, AI744046, R67477, AI141754, AA354090, R35475, R68491, R21025, AI193609, D61894, R73645, R26394, T31927, AI525962, H03716, AA156808, R46135, N57449, N55968, Z41367, AI760807, W31661, AA431498, AA249349, AA759185, AI282529, AA337457, AA037028, R52408, AA337363, AI183301, AA278889, Z45699, AA843795, AF150117, D51799, C14331, D80166, D59619, D80210, D80240, D50979, C14429, D80219, AA514188, D80522, AA305409, DB0227, D80133, D80269, C14389, D51060, D80248, D81026, D59859,

		AW377671, D58283, D51423, D80253, D80022, D80366, D80195, D59467, D80391, D80164, D59275, D80043, D59787, D59502, D81030, D59610, D50995, D80378, D80212, D59927, AW360811, D80188, D80196, D51022, AW177440, D57483, C15076, AA514186, AA305578, DB0038, DB0024, D59889, C14014, D80268, D80193, AW178893, D80045, D80251, AW178983, D80241, D80439, AW375405, D80247, D80302, T03269, AW360844, T11417, AW178906, C06015, AW366296, AW179328, AW360817, D51103, AW375406, AW378534, AW179332, AW377672, D59653, AW179023, AW178905, C75259, AW378532, AW177501, AW177511, AW178914, AW360834, AW352171, AW377676, AW352170, AW17731, D80157, AW178907, AW378528, AW178762, AW179019, AW179024, AW178980, AA809122, T48593, C05695, AW176467, D51250, D51759, AW367967, AW360841, AW177505, AW179020, AW178775, AW178909, AW177456, AW179329, D80134, AW177733, AW178908, AW178754, AW179018, A1557751, AW352158, AW352117, F13647, AW369651, AW178774, DB0064, D80132, AW352120, AW179004, AW179012, C14344, AW378525, AW352163, D58253, C14407, D45260, D80014, DB1111, AW378543, AW177728, D58101, AW179009, AW178911, AW367950, AW177722, A1535686, AW378540, A1910186, AW352174, AC006378, AC006479, AF007551, AR0053396, U42755, AF007552, AR018138, A84916, Y17188, A62298, AB028859, A62300, AR008278, AJ132110, A82595, A30438, AF058696, I50128, D26022, A25909, A94995, Y12724, I50133, X82626, AR060385, X67155, A67220, D89785, A78862, D34614, AB002449, AR008443, I50126, I50132, D88547, AR060138, AR066488, AR016514, A45456, A26615, AR052274, X68127, Y17187, A43192, A43190, AR038669, Y09669, AR066487, AR008277, AR008281,
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			AR025207, I14842, AR054175, A63261, D50010, AR062872, AR016691, AR016690, U46128, AR066490, A70867, I18367, AR008408, A64136, A68321, D13509, U79457, AR060133, AB012117, I79511, AR032065, AF123263, AJ000347, AR008382
716	HCRNX33	874797	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 728 of SEQ ID NO:716, b is an integer of 15 to 742, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:716, and where b is greater than or equal to a + 14.

	AI249877, AW083804, AI696626, AI801322, AI589993, AI805638, AI365256, AI345347, AI343037, AI366992, AL037582, AL037602, AI345677, H89138, AA493647, AI340627, AI310925, AL038605, AI340519, AI174591, AW020693, AI590120, AI307543, AI888953, AI345251, AW151138, AA938092, AI349957, AI345224, AI336513, AI889168, AI340659, AI267502, AA579232, AI348895, AA635382, AI866082, AI572892, AI345005, AI538817, AI815232, AI612885, AI805769, AI313352, AI345397, AI311892, AI334930, AI349256, AI307736, AI349622, AI632997, AW118518, AI436429, AL036274, AI349266, AI334452, AI344938, AI345370, AI702406, AI345674, AI345739, AI538885, AL036804, AL038778, AW149227, AW403717, AI345567, AI476109, AI570781, AI336585, AI310606, AL121365, AI493576, AI567360, AI348854, AI445976, AI798456, AW068845, AW151136, AW022682, AI608813, AL036718, AI500523, AW163834, AI859464, AW071380, AI345608, AI521012, AI277255, AI589267, AL036802, AI590415, AL043975, AW269097, AL036146, AI273142, AW268072, AI635492, AL036631, AW082033, AW075084, AA974049, AL037454, AI950664, AI312399, AI349937, AW020095, AI824746, AI805385, AI242251, AI307210, AI307708, AI344817, AI312325, AI500659, AI284509, AW172723, AA493923, AI6333125, AI818980, AI345471, S72504, D31716, I89947, AL049300, AI117435, AF113690, S78214, AL133075, AL049466, AF097996, E05822, A08916, AR011880, AI122093, Y09972, AL133104, I48978, E02349, AL122123, AF146568, A08910, A08909, AJ238278, AL117457, AL133016, AF090934, AF1255949, X87582, AL137459, AF090903, A08913,
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	AF113019, I89931, Y16645, AL049938, AL117585, AF177401, I49625, X84990, AL110221, S68736, AL133606, U00763, AL080060, AL137648, AJ242859, AF183393, AL137538, AF113699, AL133557, AL096744, AL050277, AF106827, AL050146, A12297, X82434, AL049452, L31396, AF158248, AL137550, AL080137, AL117394, L31397, AJ006417, AL137526, AL050024, AL049430, AL049347, AL035458, AF113677, AF118070, AJ000937, AR038969, I33392, U42766, AF079765, AF113013, AL049464, AF017437, I09360, AL110196, AL122050, A77033, A77035, AL049382, AF090900, AF106862, AF111112, I48979, AL137556, AL117583, U96683, A45787, A08912, AL050138, U35846, AF104032, AF078844, E03348, AF090943, AL133640, AL049314, AL110197, AL050393, AF113691, AL122110, AF118064, AR000496, U39656, AF141289, E07108, AF090896, A07647, AL133077, AL110225, AL133113, AL133565, AL137479, AR038854, AL080086, AF003737, AL137557, I03321, AF017152, AL080127, AL050116, AL133072, X63574, AL137476, AF162270, AF026816, AB019565, AL133093, Y11254, X70685, AL133098, AL117460, AL137527, X98834, U72620, AL133067, AL137283, AL049283, AL050172, AF079763, AL122098, AL050149, AL137533, AL050108, AL137521, U91329, X96540, S61953, Y11587, AL137560, U58996, AR059958, AL133568, AL133014, AF090901, A03736, X72889, A58524, A58523, AF113694, AL137463, I41145, AF113689, U67958, A08908, AL133080, AL080159, I26207, I17767, Y14314, AF113676, U80742, X93495, AL122121, AF057300, AF057299, AF061943, AL133560, AR013797, AL122049, X62580, AL137523, AL117440, AJ012755, E07361, I29004, I00734, A18777, E04233, AF087943, E08631, E00617, E00717, E00778, AF061573, A93016, AF118094, A65341,
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			I42402, AF111851, Z37987, AF125948, A90832, A08915, A08911, AC002467, AL080124, X81464, AF119337, L30117, X92070, AF026124, E15569, U88966, AL110159, Z72491, AF210052, Z82022, S77771, X65873, Y10080, AF091084, AF126247, AF067728, AL137271, M30514, AF153205, A93350, AF185576, AL110280, AF081197, E08263, E08264, I89934, AF065135, AL122111, AL080074, AF111849, AF017790, U68387, E02221, AL133665, S76508, AL137539	AI566493, AW375947, AA305406, AA313526, AA056417, AI732393, AA053102, AI623483, AI732453, AI262603, AA088861, AI920859, AI922856, AA565642, AI688206, AI721059, AI601183, AA045860, C14331, D50995, D59467, D80522, D80133, C14429, D80269, D81026, D80227, D59610, C14389, D80195, D51060, D50979, D59502, D80164, D59275, D80248, AW377671, D51022, D58283, D80366, D59859, D51799, D80022, D80166, D51423, D59619, D80210, D80391, D80240, D80241, D80253, D80043, D59787, AA514188, C15076, D80038, AA305578, D81030, D80378, D59927, D80212, D80193, D80196, D80188, D80219, AA305409, D80045, C06015, D80251, D57483, C14014, D59889, D80024, AW178905, AW360811, D80268, AW177440, D80302, AA514186, AW178983, D80439, AW178893, T03269, D80247, AW178909, AA809122, AW178907, AW375405, AW360844, D59373, AI535686, C75259, AW177501, AW179328, AW177511, AW366296, T11417, D51103, AW360817, AW375406, AW178906, AW378534, AW352171, AW179332, AW377672, AW179023, AW378532, AW352170, AW377676, AW360834, D80157, AW178908, AW360841, C05695, AW177505, AW178775, AW178762, D51759, AW177731, AW178911, AW378528, AW178754, AW179019, AW179018, AW179024, D80132, AW352117,
717	HCYBM31	874800	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF A-B, WHERE A IS ANY INTEGER BETWEEN 1 TO 806 OF SEQ ID NO:717, B IS AN INTEGER OF 15 TO 820, WHERE BOTH A AND B CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO: 717, AND WHERE B IS GREATER THAN OR EQUAL TO A + 14.	

		AW176467, D51250, C14407, D59653, AW367967, D80134, AI535959, AW179020, D58253, AW177456, AW369651, AW179329, C14344, AW178980, AW352158, AW178914, AW177733, AW178971, T48593, F13647, D45260, AW179017, AW378525, AW179004, AW352174, D81111, AW178774, H67866, AW178543, AW179009, AW179012, C14227, AW352120, AW352163, T03116, C14973, AI525923, H67854, D80064, D80014, D59503, AI557751, C03092, D80258, AW177722, AI910186, AW177728, D58246, D58101, AW367950, AI905856, T02974, AW378540, D45273, AA514184, AW178781, T03048, D59317, D51221, D60214, AI525917, AW378533, AI55774, AW178986, AW378539, AW177734, AW177723, D59474, D59551, AI525920, N66429, AI535850, D60010, AI525227, AI525235, C14957, C14298, D80168, C14046, H67858, D59627, AW179011, AI525242, AW179013, AI525925, AI525912, AI525237, AA285331, AI525215, D51097, D51213, D52291, Z33452, AI525928, X83228, U07969, A84916, A62298, A82595, A62300, AR018138, Y17188, AR016808, AF058696, AB028859, AJ132110, Y17187, AR008278, D34614, AR060385, AB002449, X67155, D26022, Y12724, A25909, A94995, X82626, A67220, D89785, A78862, D88547, AR008443, I50126, I50132, I50128, I50133, A30438, AR066488, AR016514, AR060138, A45456, A26615, AR052274, U46128, I14842, AR025207, Y09669, A43192, A43190, AR038669, I18367, AR016691, AR016690, AR066487, AR054175, X68127, AR008277, AR008281, A63261, D50010, Z82022, AR06490, A70867, AR062872, AR008408, I82448, I79511, A64136, A68321, U79457, AB012117, D13509, AR060133, A85396, D88507, AR066482, AF123263, A44171, AR032065, A85477, I19525, A86792, X93549, AR008382 AL121652	Preferably excluded from the
718	HDAAX73	874801	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 449 of SEQ ID NO:718, $b$ is an integer of 15 to 463, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:718, and where $b$ is greater than or equal to $a + 14$ .	
719	HDACJ67	874802	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 526 of SEQ ID NO:719, $b$ is an integer of 15 to 540, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:719, and where $b$ is greater than or equal to $a + 14$ .	AA305080
720	H2CBL90	874803	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 823 of SEQ ID NO:720, $b$ is an integer of 15 to 837, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:720, and where $b$ is greater than or equal to $a + 14$ .	AI951683, AI809714, AI394533, AI767318, AI094691, AA029855, AA028984, AI290496, AI369846, AW016201, AA458598, AA307690, AW050754, AI360916, AI869170, AA909457, AW170168, AI970554, AA551468, AI283689, AW277118
721	HPCOE53	874804	Preferably excluded from the	AA228027, AA609203

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 724 of SEQ ID NO:721, $b$ is an integer of 15 to 738, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:721, and where $b$ is greater than or equal to $a + 14$ .	
722	HDPGS84	874805	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 492 of SEQ ID NO:722, $b$ is an integer of 15 to 506, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:722, and where $b$ is greater than or equal to $a + 14$ .	AL043048, AA742189, AW054764, AI561117, AI992302, AI923292, AW166727, AI274788, AA234559, AI355592, AA112369, N46618, AW377234, AW377342, AW377356, AI587445, AI67832, AN047021, AW377302, AI219803, AU002744
723	HCRMQ21	874807	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 526 of SEQ ID NO:723, $b$ is an integer of 15 to 540, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:723, and where $b$ is greater than or equal to $a + 14$ .	W21045, N95503, AA609427, AI160455, AI0233376, N64494, AI360803, AI129199, AI761577, AI288246, D79868, AI382744, AI125069, R27394, D63048, AI288350, AI188959, AW024620, N95217, A1557123, AI471229, AI744766, AA494313, AA748657, W45037, AW451949, AI188674, AI362545, AI864630, AW008348, AW130278, AA612882, AA088415, AW439086, AI199886, AA872816, AW105430, AI017637, AI333449, AA092740, T24817
724	HDTBM35	874809	Preferably excluded from the	AA767157

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 434 of SEQ ID NO:724, $b$ is an integer of 15 to 448, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:724, and where $b$ is greater than or equal to $a + 14$ .	AI623321, AW300556, AI863182, N41015, AA609331, AI262113, AA421238, AI675316, AA677554, AA6933786, NA7992, AA421278, T79801, AA305618, N51199, W90182, W90035, N47120, AW195215, AW377671, AI535959, F13647, D80522, D81026, T11417, C14331, AA809122, AW178893, D80251, AW177440, D80133, C14429, AW360834, D80166, AW375405, D80248, C06015, AW360817, AW360811, AW177731, D80366, AW366296, AW179332, AI557751, AW360844, T03269, C14389, AW179328, T48593, AW375406, D80014, D80439, AW378534, AW178906, D58283, AW377672, AW360841, AW179023, AW178905, D59859, D80022, D80195, AA305578, D80193, D59927, D59467, D51423, D59619, D80247, AW378528, D80210, D51799, D80391, D80164, D59275, AW178762, D80240, D80253, D52059, D80038, AW179019, D80043, D59787, D80227, AI535686, AW378533, D59502, AA305409, AW378532, D45260, D80258, D81030, AW178914, D80269, D59610, C14014, D80212, D80268, D80196, D80188, D51022, D50979, D80219, D50995, AW176467, AW352120, AW179024, AA285331, D80302, AW179020, D80157, AW377676, C15076, D51060, AW352171, AW177733, D57483, D51103, AW352170, D59889, AW178774, AW178907, AW178908, C03092, D80045,
725	HCYBL83	874810	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1207 of SEQ ID NO:725, $b$ is an integer of 15 to 1221, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:725, and where $b$ is greater than or equal to $a + 14$ .	

		<p>AW352117, D80024, AA514186, AA514188, DS1759,      AW367950, D80241, D80378, D51250, AW178781,      AW378539, AW378543, AW179329, AW378525,      AW352163, AW179018, AW378542, AW178911,      AW177505, AW178775, AW178980, AW178909,      AW177456, AW179004, AW177728, AW178986,      AW178754, AW378540, AW352158, AW360855,      AA514184, D58101, D81111, D58246, D59503,      H67854, AI525917, C14227, D80064, D80390,      H67866, C05695, T03116, D59317, AW177734,      C14973, C75259, AI557774, D59474, AI525920,      AI525923, AI525227, AI525235, AI525925,      AI525215, AI525928, AR020753, X91148, X75500,      X83030, AR020750, X59657, AR020749, X78567,      X68127, L47970, Y17187, AF123263, A82595,      A30438, A84916, I50126, I50132, I50128, I50133,      A62298, Y17188, A62300, AR018138, U46128,      A94995, Y12724, AR062872, AR016514, AR066488,      AR060138, A45456, AB028859, D26022, AR060385,      AR066487, AJ132110, A26615, AR052274, A43192,      AR008278, A63261, A43190, AR038669, AF058696,      A25909, A70867, A67220, D89785, Y09669, A78862,      D34614, X67155, AR008443, AR016691, AR016690,      AB002449, D88547, A64136, A68321, I14842,      D50010, AR054175, AR050680, AB019242, AR025207,      AR060133, AR008408</p> <p>AA013006</p>
726	HDTJE91	874812

Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 206 of SEQ ID NO: 726, b is an integer of 15 to 220, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

727	HE6BJ48	874813	NO:726, and where b is greater than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 880 of SEQ ID NO:727, b is an integer of 15 to 894, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:727, and where b is greater than NO:727, and where b is greater than or equal to a + 14.</p> <p>AA838817, AI363359, AW381999, AW381997, AW382037, AW382000, AA130883, AW382042, W44317, AW382041, AW024421, AW382039, AI860245, AW382036, AW381961, AA181315, AA476550, N36268, AI745226, AA934010, AI864889, AW190584, AI934734, AA476511, W45689, AA397755, AI360479, AW296273, AA725447, AI057565, AI057575, W69682, AW382054, N48961, AW294934, AI289253, AI420914, R73005, AA834847, N26942, AA287909, AW129159, AI469219, N93170, AA722597, N24813, AA480568, AA973375, AA608646, W69923, AI802361, AA187057, AA922809, AW405922, AA765559, N50732, AI371721, W69742, AA025176, AI198763, N29758, AA489547, AA025086, W38774, AA846251, AA469332, AA628720, AI620348, N45678, R73609, AA485936, AA953969, AI419552, AI673394, N79465, AI371497, N55055, R92585, AW382008, AI380273, AI380284, AA130938, T10624, AA644324, F30043, T24907, W02954, C04728, AA476411, AI265839, AA215872, AA781266, AA972633, AA845384, AI886300, AI918596, AW073685</p>
728	HE8NK63	874815	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 829 of SEQ ID NO:728, b is an integer of 15 to 843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:728, and where b is greater than or equal to a + 14.	<p>W888920, AA244168, AA428402, AI199155, N45235</p>
729	HDTHF30	874816	Preferrably excluded from the present invention are one or more	AA393337, R14286, AI469488, AC005156

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 738 of SEQ ID NO:729, $b$ is an integer of 15 to 752, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:729, and where $b$ is greater than or equal to $a + 14$ .	AI242679, AI128033, AI204040, AA463374, AA609277, AI092770, AI372861, AI650665, AA1311907, AA503404, AI658580, AA969174, AA425154, AW022724, AA480929, AI1219771, AA904881, AI925661, AA515933, AA464617, AI350638, AA534042, AA632228, D62936, AI352219, AA303392, AA928391, AA455315, AA759364, AA344086, AA027060, AA652905, AA974613
730	HDPRY54	874818	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1479 of SEQ ID NO:730, $b$ is an integer of 15 to 1493, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:730, and where $b$ is greater than or equal to $a + 14$ .	AI242375, AA437296, AI685473, AA922676, R80299, AA749272, AA903905, AI283505, T93911, AI859758, R80197, AA285021, AA678303, T93867, AI950607, AA454122, AA699761, AI439452, AI949510, AI269205, AI284035, AI950729, AI932794, AI151136, AI884318, AW169604, AW073708, AI569975, AW020397, AI288305, AI630928, AI690748, AW131282, AI955117, AA872507, AI445829, AI872423, AW079409, AI473451, AI582932, AW023072, AI561038, AI270099, AI473799, AI610895, AI524671, AW051088, AW103928, AI633125, AI927233, AI702073, AI698391, AI538564, AI815232, AW019988,
731	HE2LN12	874819	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1043 of SEQ ID NO:731, $b$ is an integer of 15 to 1057, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:731, and where $b$ is greater than or equal to $a + 14$ .	AW069817, AA889537, AI304644, AI424965, AA442375, AA437296, AI685473, AA922676, R80299, AA749272, AA903905, AI283505, T93911, AI859758, R80197, AA285021, AA678303, T93867, AI950607, AA454122, AA699761, AI439452, AI949510, AI269205, AI284035, AI950729, AI932794, AI151136, AI884318, AW169604, AW073708, AI569975, AW020397, AI288305, AI630928, AI690748, AW131282, AI955117, AA872507, AI445829, AI872423, AW079409, AI473451, AI582932, AW023072, AI561038, AI270099, AI473799, AI610895, AI524671, AW051088, AW103928, AI633125, AI927233, AI702073, AI698391, AI538564, AI815232, AW019988,

	AI915291, AW152182, AI538850, AW166583, AI889189, AI784252, AI473536, AL046618, AI952217, AI866469, AI572096, AL039716, W74529, AI440239, AI682798, AI591420, AW191844, AI570807, AI538055, AI952145, AW008589, AI687809, AW078895, AI440426, AW238688, R32821, AW117926, AI433157, AI365256, AI685798, AI619737, AW118496, AW198090, AI590227, AL046595, AI281757, AI309244, AI566670, AI375303, AI355779, AW102794, AI802542, AW148423, AL043355, AI587606, AI539771, AW089275, AW148294, AI955917, AI538980, N33175, AI963346, AI417790, AI635467, AI696570, AI590134, AW083778, AI619426, AI866770, AA514684, AI554821, AI670009, AI679266, AI280732, AI274508, AI648509, AI627893, AI287449, AI610799, AI521560, AW102924, AI254731, AW080746, AA806720, AL036673, AI634345, AI572021, AI273085, AI932966, AW263355, AI889376, AI471712, AI678446, AI571439, AI499963, AL037030, AI536638, AI640704, AI354630, AI610402, AI673363, AA502794, AI564259, AI624293, AL039086, AI891031, AI567373, AW162194, AW074161, AI933992, AI956080, AI636588, AI866040, AA788861, AI285448, AI633198, AW198021, AI651840, AI923370, AL046466, AI525653, AI890507, AI963458, AW168503, AW073677, AI888621, AI636585, AI868931, AW169132, AW085734, AI571867, AI819522, AW192652, AI500463, AW080090, AI609236, AI500061, AI631273, W46378, AI890907, AI913330, AI539800, AW080992, AW129230, AA641818, AI628331, AI561231, AA805434, AW026087, AW081515, AI874261, AI554343, AA001397, AI971615, AI570861, AI609409, AI471282, AI591387,
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	AI345688, AW167021, AI611738, AI768496, AI926878, AW026882, AI538764, AI917963, AI612750, AW193125, AI159837, AW050850, AI500714, AI521040, AI811373, AI859991, AI623941, AW118518, AW081866, AI609589, AW192701, AI439745, AI559586, AI862139, AI609069, AI559296, AW168452, AL045500, AI251221, AA579618, AL037454, AI916419, AI912510, AW088628, AI961589, AW163834, AI270706, AI799183, AB002350, AF067728, I89947, X83508, I48978, Z82022, AR038854, AL133075, AF030513, AL080159, A77033, A77035, AL080148, AL137480, AJ005690, A15345, AL117460, I09499, A08910, A08909, A08913, AL137529, AL137550, AF003737, A21103, AF126247, AL137267, A08908, AL023657, AF061981, A52563, AF097996, AJ000937, AL137271, A08912, Y07905, AF032666, A18777, Y11587, I333392, AF183393, AL117649, AL117440, AL133113, E12747, S36676, AL137557, I48979, AF111849, AL122100, M27260, AF090903, AL050149, AF177401, AL050155, AF106657, AF139986, Z97214, D83032, AL137479, AL050393, AL137463, I89931, AL133067, AF087943, AL137533, AL050138, AL133560, I49625, A93350, A18788, I89944, AF162270, AF113019, A08916, E02349, AL110221, AF106862, AF091084, AF113677, A49139, AF185576, AL133665, A58524, A58523, AR020905, AF073993, AL117416, AF106697, A45787, X82434, A65341, AF051325, U58996, AL110296, AJ242859, AL137538, AL117435, AJ012755, I89934, AF026816, AF113690, AL050277, AL133558, AF054599, AL133080, X80340, AL080154, I17767, AF153205, Y14314, AF061573, AF210052, AF113691, AF031903, AF090934, AL122050, AL137560, AF069506, AL050092, AL137294, AL110280, AL110218, L13297, L19437, AL049283, AL137459, I17544, AL122045, AR011880,
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		<p>AF118094, AL080126, E02221, AL137292, AL122110,      AL110196, AR029490, X98834, AL122123, I00734,      AF079763, Y10080, Y16645, AL137478, AL049314,      AL133081, I46765, AF026124, AL133016, E00617,      E00717, E00778, AF158248, E06743, AL137488,      A12297, X65873, U35846, U88966, U00763, U67958,      X62580, AF031147, E07108, AL050116, U80742,      U78525, AL049452, AL096751, A03736, X63574,      S78214, AR013797, AF028823, AL050024, X60786,      E04233, AL049430, AF118090, AB007812, Y09972,      AL049426, AL110222, AL133606, S76508, AF057300,      AF057299, X96540, AL117438, E02253, AF113699,      A76335, L30117, X84990, AL133557, AF017152,      AF000301, AF061795, AL117457, AF151685, I66342,      U49434, AF090901, AL1137521, AF008439, X81464,      AF111112, AB019565, AF113694, AL133104, E03348,      AL137283, AR034830, I96214, I28326, AL049938,      AL110197, AL137648, AF159615, AL117585, U682333,      I92592, A07647, E08631, AL050146, AL080074,      AL137548, AJ006417, X72889, A23630, AL110159,      AL080124, AF067790, AL133640, AL122106, Z37987,      AL117578, AF090900, U00686, AF040751, AL050108</p> <p>AI813370, AI347789, AW172489, AA632341,      AI640332, AI831043, AI634781, N54622, AI243330,      AA465716, AI537517, AI286048</p> <p>AA464464, AI082218, AW182490, AI379580,      AA909005, AI635358, AA774283, AI803700,</p>
732	HWLUR88	<p>874820 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of SEQ ID NO:732, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:732, and where b is greater than or equal to a + 14.</p>
733	HE8SSB04	<p>874821 Preferably excluded from the present invention are one or more</p>

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1505 of SEQ ID NO:733, $b$ is an integer of 15 to 1519, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:733, and where $b$ is greater than or equal to $a + 14$ .	AA662215, AW301638, AI363123, AI474335, AI123665, AI190331, H96655, AI823462, AA418515, N39183, AI283895, AI344676, N67658, AI356942, AI275386, AI086744, AW340859, AA478632, AI992081, AA055027, AA332619, AI073593, AW391585, AW391557, AW391597, N30407, AI828565, H66960, AW071063, AW367530, AI435912, AA883345, AA620895, AA662176, AA457116, AI082686, T61810, W01126, AA366710, AW014626, AA332593, AA598450, AI470713, T94660, T94309, AW391546, AI216703, AL121213, AI284173, AI023567, AW361583, AI473308, T24444, AW130493, AI053434, AI054246, AI307426, AI053816, AW301818
734	HE9QM31	874822	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1435 of SEQ ID NO:734, $b$ is an integer of 15 to 1449, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:734, and where $b$ is greater than or equal to $a + 14$ .	AA100448, AI310529, AA100445, AI954572, AA313352, AI221151, AI572035, AA044643, AI357541, AI056009, AW014460, AA846147, AI221914, Z41264, AA452975, N45557, AI364800, AA135867, N28381, AI653149, AA042829, AI890761, AI373810, N41344, AI290777, AI287638, AA770036, AA135868
735	HTELU32	874827	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 916 of SEQ ID NO:735, $b$ is an integer of 15 to 930, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:735, and where $b$ is greater than	AI859095, AW001089, AI754571, AA024427, W93217, AI754568, AI970128, AA705518, AI368207, AA582905, W93216, AI660520, AI739331, AA535050, AA339696, AI024426, AW131858, AI357688, AA280596, R28813, AL046820, R28840, AF088072, AL117629

			or equal to a + 14.	
736	HEMGV90	874828	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 900 of SEQ ID NO:736, b is an integer of 15 to 914, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:736, and where b is greater than NO:736, and where b is greater than or equal to a + 14.	AI393309, AW005351, AI807923, AW166132, AA194090, AI799077, AI916382, AW328387, AI131240, AA287690, AA855025, AI694793, AI362805, AI131388, AI198516, AA287658, AI701814, AW139698, AA934428, AI824988, AW328388, AI680753, AA304908, AI654495, AI955554, AW340414, AI188081, AI630546, AW300307, AA062563, AI969069, AI309588, AI266070, AA987983, AI675830, AI138878, AA960973, AA973643, AI990363, AW087574, AW138983, AI741149, AA308513, R01958, Z63217, Z62190
737	HDTMC78	874829	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1213 of SEQ ID NO:737, b is an integer of 15 to 1227, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:737, and where b is greater than or equal to a + 14.	W75954, AI818978, AW104295, AA310716, AI2668282, AI695027, AI338037, N51604, AW194256, W72858, AA910060, W38965, AA034219, AA972762, AA932804, R31025, AI702974, N53893, AI381410, AI701035, AA033535, AI971270, R31515
738	HFOXN77	874830	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 761 of SEQ ID NO:738, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:738, and where b is greater than	W61005, W60917, AA594318, W78840, AA973426, T67067, H82716, T67023, AA057235, W32151, AI274912, AI245780, AI420911, AA058680, H44819, AI334925, AI139937, T93264, W22954, H45775, N70872, H83584, H43045, AW136595, H42569, T67066, AI783774, W06829, W32003, W80739, H21819, N91786, H27240

			or equal to a + 14.	
739	HWLMW6 1	874832	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1423 of SEQ ID NO:739, b is an integer of 15 to 1437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:739, and where b is greater than or equal to a + 14.	AL048242, AA488387, AI859912, AA635142, AI634222, AI094012, AI753483, AI079976, AI004764, AA774688, AI890561, AW361493, AI805597, AI674711, AI014503, AW272372, AI080247, AI919501, AA344044, AW408115, AA503765, U22233, AR059583
740	HHFLR55	874835	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1375 of SEQ ID NO:740, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:740, and where b is greater than or equal to a + 14.	AI478119, AW297828, AA133259, AA164334, AI688009, AA313903, AA298157, W52898, N49843, Z43233, AA418223, AA234654, R13291, W00517, AI521689, AA223389, N78442, AA090729, AA650256, N76619, N76618, AA375175, AA418077, T10773, AW179049, AA295774, D58310, U10550, U13052, Z80109, U13053, U10551, U34830
741	HWLQ014	874836	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 838 of SEQ ID NO:741, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:741, and where b is greater than	W73189, AI739658, AW162602, AI038197, AA515992, AA505599, W72792, W76439, AA505559, AI372041, AA505550, AI344182, AI345860, AI345870, AF025304, L41939, AA505740

			or equal to a + 14.	
742	HHGDC54	874837	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:742, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:742, and where b is greater than or equal to a + 14.	AC005332
743	HMSCD54	874843	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 878 of SEQ ID NO:743, b is an integer of 15 to 892, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:743, and where b is greater than or equal to a + 14.	AAS521238, W56901, N94826, W79140, W39103, N29199, W79333, AW403689, R78672, T84674, N49349, R13386, AW407725, AW388564, AI300084, AW388522, AW388547, W21163, AW388541, AA355390, AW388412, AI817084, AI913840, F03716, AW388542, AI816739, AW388422, N63570, AI809415, H21737, AI991028, AW009328
744	HISCH48	874844	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 686 of SEQ ID NO:744, b is an integer of 15 to 700, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:744, and where b is greater than	AI142131

745	HHGDLJ8	874845	or equal to a + 14.
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:745, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:745, and where b is greater than or equal to a + 14.
746	HOSMQ26	874847	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1315 of SEQ ID NO:746, b is an integer of 15 to 1329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:746, and where b is greater than or equal to a + 14.
747	HISDK89	874849	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 225 of SEQ ID NO:747, b is an integer of 15 to 239, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:747, and where b is greater than or equal to a + 14.
			AL031768

			or equal to a + 14.	
748	HLSAA22	874851	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1575 of SEQ ID NO:748, b is an integer of 15 to 1589, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:748, and where b is greater than or equal to a + 14.	AW452603, AI375427, AI202773, AI804097, AI500311, AI936889, AW090245, AA043900, AA025796, AI744559, AA644451, AW297895, AI143524, AI241966, AA644491, AI359599, AI939514, R49737, R37968, AA679698, AA025795, Z22968, Z22969, Z22971, Z22970, Y18390, AJ243816, Y18388, Y18389, AJ224687
749	HFOXR45	874852	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:749, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:749, and where b is greater than or equal to a + 14.	AA732106, AA522612, AI753227, AW021502, AI683772, AI084654, AI752575, AA913517, AA769955, AA721756, AI371200, AA948399, AA187208, AI627196, AA725797, AI879607, AI377473, AI371144, AI184958, AA609398, AW238518, AI031933, AI042581, AI090709, AA551957, AI347029, AI076805, AA994104, AI128467, AA605136, AI721175, N64728, AI093038, AA780778, AW009794, AW238474, AA000992, C75299, AI146705, AA572814, AA552148, AA554746, AA056992, AI262510, AI074220, W61162, AW238722, AA451895, AA552863, AI827340, N93164, AA805114, AA502630, AA047882, AW241184, AA468061, N75393, AI750255, AA724891, AA969850, H93295, AI186020, F37307, L44325, T07924, N22680, AI923732, W42592, AA468001, R68947, N95336, AI460024, AI266318, T50094, AA526649, W72244, AA133408, AI351303, R16108, AA852240, AA320739, R70096, F04400, AA468021, F27323, AI828393, AI424671, AI963007, AW088242, H78587, AA363539, H21918, AI984226, AI638566, AI949544, AI805471, AI620656, H78594, AI954065, AW342018, AW151573, AI984217, AI683719, AI811304, AI677978,

	AI469666, AI872147, AW148849, AA807776, AI818583, AI369048, C21325, AI811169, AW169367, AW068194, AI888323, AI669314, AA005352, AI923242, AI587541, AW169722, AW090641, AI499642, H27583, AA320446, AI954136, AW020391, AA913080, AW193946, R98361, AA573557, AI917224, AA191725, AA057867, AA574024, H91709, T28335, W24359, AW380140, AI432915, AI289968, AW377772, W61228, AW078797, AA349251, R70046, R93092, H12474, AA568499, AW391241, NS8906, AA491516, AI802056, H87977, AW195972, T29577, AW023843, AW168565, AI954481, AW393660, AW386924, D45657, W04892, H88158, AW389520, R25411, AW386947, AA053017, H27509, H64708, AI801167, AA362152, W76089, H21713, AI8864857, AA361413, AA344218, H27597, AI446698, H93803, AI921746, AI567625, AI432570, AA908294, AI811912, AI699020, AL046942, AW088131, AI570966, AI702540, AI583578, AI744204, AI203903, AI865942, AI362537, AI471909, AW152415, AI862785, AI342023, AI683634, AI524179, AI469516, AW391254, AW265004, AI932638, AI049923, AI972170, AI571511, AI885982, AW088899, AW103628, AI473208, AI682891, AW080076, AI635528, AI224373, AI784253, AI274655, AW082532, AI799234, AI690813, AW117652, AI368579, AI270039, AW089932, AI924686, AW084353, AI687568, AW079315, AW104683, AI305745, AI886355, AI538850, AW087824, AW079706, AI624529, AW148685, AW194014, AI679990, AI950664, AI249946, A13845, U01691, I07181, U05770, M18366, A07367, X12454, I33410, M19384, J03745, I07345, I07344, M21731, E01816, E14351, I08832, U92992, AL050172, U42031, S61953, AF047443, A86558, AF038847, AL137538, AL049466, AL136884, I42402, AL133067, E02221,
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		U49908, AL080146, AF078844, AL096728, AF139986, X59414, X79812, AB007812, U96683, AL122110, Z72491, I09499, I66342, X83508, AR068466, AL110197, AR050959, AF067790, AL122050, AB025103, AF1225949, AF158248, AL137268, U89906, I33392, AF030165, AL133081, AF038191, AF061795, AF151685, X54971, AL117435, E03671, AL049423, E01963, S68736, A27171, AL133061, X61399, X72889, X75295, AF040723, AL050170, AB031064, X66862, AF109683, AL122098, M27260, AF015958, AF002672, AF167995, AF153340, AL050024, AL137478, AF067420, AF132676, AF061836, AF159615, AF036268, U89295, AF119336, AL117587, AF126488, AF124728, X06146, AL133619, S77771, AF032666, U75378, AL133084, AL133557, U37359, I25049, AF044323, U75370, AF019298, AL080074, AL133665, AF114170, U02475, AF115392, AL137536, AL137554, AR060156, AL133075, AF090900, E12579, AF026008, U00686, AF040751, AL122118, AF180525, A21625, AF102578, X87224, AR038854, AF113019, Y18678, Y18680, AR029490, U83980, AF114818, E12580, A08912, AL133049, AR011880, A08910, A08911, AL110159, X633410, AL050015, A18777, AR020905, I89931, A08909, A65340, AF192557, E06743, AL137550, AR029580, AB019565, I49625, A08907, S83456, A65341, AF118070, A08908, X83544, AR068753, I25048, S79832, AL050138, AJ012755, AF022363, AF061943, S76508, AL035458, AL117635, A08913, AF120268, AL117460, AL117585, AB028451, L31396, X93328, X66975, L31397, AC002471, AC005374, AL022170, I89934, I29004, X66417, A15345, Y08769, AF013214, I30339, I30334, A83556, I18355, AL117626, Z82022, L13297, I34392, AJ005870, I48978, AL133014, AF106934, U72621, AL137294, AF081197, AF081195, AF113013, AB016226, E03348, AF017437, AF126247,
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750	HWLOV52	874854	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 953 of SEQ ID NO:750, b is an integer of 15 to 967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:750, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 681 of SEQ ID NO:751, b is an integer of 15 to 695, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:751.	
751	HKCAA14	874855			

752	HMAMA0 2	874856	NO:751, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 376 of SEQ ID NO:752, b is an integer of 15 to 390, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:752, and where b is greater than or equal to a + 14.	AI050715, AI868341, H04044, AI735282, AA315106, AA748069, AA778604, AA670061, F33750, AA044296, AA838724, AA865306, AA281640, AA523324, AA535136, AI360419, AI193427, AA994841, AI357495, AW131546, AA126719, AI015647, AI523059, AA887803, AI041265, AI023519, AI681516, AA554009, AA131586, AA458689, AI569655, AA334077, F27238, AA044123, AA879213, AA962758, AI371385, AI341538, AA976084, AA659914, AI002087, AI479801, AI354856, AW391885, AA358439, AI311108, W05652, AA720819, H7748, AA551303, R38305, AW303631, AW453073, AC006509, Z84480
753	HKABV02	874857		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 494 of SEQ ID NO:753, b is an integer of 15 to 508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:753, and where b is greater than or equal to a + 14.	AI948480, AA947922, AW027578, AA533072, AA442119, AI985820, AA122356, H04274, AA976703, AA482468, R53722, R78612, R67227, R78611, R37176, AA480651, AA363291, AI680596, H02979, AA807015, N67448, R52940, N66783, AA301771, AI345202, AI335480, Z41434, C03488, AA122320, AL041772, AI569328, AA857847, AI355849, AI619716, AI590227, AI282355, AA911767, AI491842, AI590575, AI537261, AW087534,
754	HKGBD56	874858		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1148 of SEQ ID NO:754, b is an integer of 15 to 1162, where both a and b correspond to the positions of	

	nuucleotide residues shown in SEQ ID NO:754, and where b is greater than or equal to a + 14.	AI561356, AI560030, AI635464, AI634345, AI758270, AI439762, AA833760, AI472566, AW029611, AI524179, AA514684, AI538716, AI912434, AI540179, AI073952, AI590021, AI680221, AI582871, AI863382, AI921464, AI591040, AI868204, AI569975, AW149925, AI624950, AI961589, AI159837, AW193949, AA804860, AI863321, AI473451, AI818562, AI801592, AI654750, AI537303, AI669639, AI628316, AI367203, AI564719, AI365256, AI570989, AI567351, AI783861, AA804877, AI611743, AI886206, AI367210, AI634805, AI636719, AI619502, AW148320, AA504514, AI089970, AW243878, AI680498, AI273856, AA814782, AI249877, AI610690, AI799158, AI289863, AI148408, AW131294, AW170725, AA916033, AI368579, AI583065, AW190297, AW262983, AW2633569, AW152182, AI273085, AW088560, AI567582, AW007309, AI269580, AW082623, AI309589, AW025412, AA937558, AL040011, AI539153, AI634467, AW078529, AI679179, AW151136, AI421903, AW072588, AW130430, AI633125, AI889818, AI597918, AW118496, AI890852, AI887163, AI241901, AW073865, AI333104, AI828731, AL036187, AI862139, AI439452, AW083175, AI536563, AI620056, AW075648, AA437338, AI446809, AI932739, AW089009, AI433157, AI702073, AI554821, AI434468, AW132104, AW104827, AI521799, AI249962, AI670009, AW188573, AL047187, AI590415, AI167353, AA908294, AW029401, AW051059, AW090086, AW105087, AI312542, AW189268, AI250848, AI684013, AW082532, AL037041, AI569583, AI919534, AI886415, AI830029, AW025279, AL036780, AI453322, AI095119, AW075519, AI682903,
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755	HKACE03	874859	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1073 of SEQ ID NO:755, b is an integer of 15 to 1087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:755, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 789 of	
756	HBIOR20	874864	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 789 of		

		SEQ ID NO:756, b is an integer of 15 to 803, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:756, and where b is greater than or equal to a + 14.	
757	HKEAA44	874865	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of SEQ ID NO:757, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:757, and where b is greater than or equal to a + 14.
758	HKLSA63	874866	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 321 of SEQ ID NO:758, b is an integer of 15 to 335, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:758, and where b is greater than or equal to a + 14.
759	HKGC122	874867	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1005 of

AI201974, AA448789, AI640253, AC006153  
 AI742925, AI750866, AI433675, AI310737,  
 AI671307, AI750867, AW070696, AA486195, W01828,  
 AI808060, AI631512, R91227, AI183930, AW179025,  
 AW139735, N70774, AA516368, AW407800, R85255,  
 AW069110, AW192002, AA631915, AA442431,  
 AC005874, AF134471, AC007535, AP000547,

		SEQ ID NO:759, b is an integer of 15 to 1019, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:759, and where b is greater than or equal to a + 14.	AL050307, AC004671, AL049843, AC009509, AC004890, AC005343, AL008710, AC004876, AC005681, AC005296, Z95114, AL132641, AF030933, Z83826, AC005839, AF001549	
760	HOGDO85	874870	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1490 of SEQ ID NO:760, b is an integer of 15 to 1504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:760, and where b is greater than or equal to a + 14.	AA628522, AI494042, AI249716, AI091258, AI375095, AW300147, AI671479, AI083660, AA039683, AI695098, AW102750, AI281254, AI480349, AA922710, D80408, AA884219, AL134916, AI121296, AA516283, AA045618, AI436329, AA889419, AI9788601, AA100470, AI187243, AA100371, AA856661, AA101452, AA041339, D80409, AA102694, R15445, AI914856, AA045655, AA100466, N56070, AA101461, AC006313
761	HLDOX53	874871	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 799 of SEQ ID NO:761, b is an integer of 15 to 813, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:761, and where b is greater than or equal to a + 14.	AA628400, AI093204, AI991099, AA287786, AW009817, AA701864, AI272948, A1056972, AI243179, AI248098, AI307111, AA552168, T79840, AA652183, AA551685, H94082, AW276725, AI568808, AI382460, AA226928, R16826, AA502991, AI311519, AW020094, AW023111, AI311276, AI377161, AI345891, AA603359, AA665525, AA653300, AW021399, AI174930, AA601674, AA584125, AA595547, AA286836, AA829576, AA164946, AW103251, AI270019, AA551519, AI801505, AA054055, AI041375, R97239, AL036896, AI568088, N95424, AA581247, AI754293, AI732869, AA484164, AA832077, AI475297, AA584814, R96621, AI821987, AA669238, AA525331, AW275432, AA633762, AC006538, AP200465, AL031228, AP00031, S42653, AL034420, AC006046, U47924, AF196779, Z93017, AC004655, AC006512, AC004797, AL121603, AL021878, AC005399, U63721, AC005859, U91326,

		AC002553, AP000347, AC003111, D28126, AC005696, AC002425, U95739, AL035072, AC009731, U89335, L44140, AC002316, AC000025, AL096702, AC004139, AC004686, AC007216, AC005261, AL008731, AC007390, AC005067, AC005372, AP000547, AL049839, AC006027, AL078621, AL031005, AC006372, AC005730, AC005740, AC007283, AC005365, U80017, AC005874, AF134471, AL117337, AP000962, AC006261, AC005368, AP000213, AC003109, D86566, AL035405, AC004263, AL078581, AP000557, AL096763, AC005755, AC016831, AC004084, AC004771, AL035455, AC004890, AL021155, AC005562, AC007686, AL050318, AC006468, AL049692, AC005527, U52112, AL021391, AL031295, AC005736, AC004663, AP000135, D88270, AC005091, AC007731, AL031281, AC006285, AC005011, AC009247, AL021707, AC006071, AC007666, AL096712, AL121595, AC004922, 293244, AC005500, AB023049, AC005412, AC002369, AC004030, AL031283, AC005944, AF017104, U95742, AC016026, AP000505, AC005544, AC004883, AP000556, AL049869, AC005071, AC005829, AC005081, AC005670, AP000116, AC004817, AC003956, AC004832, AP000300, AC002477, AC004382, AC005291, AC002326, AP000502, 298048, AL031680, AL109627, AF111169, AC002472, AF141309, Z98950, AC004685, AL021917, AL021918, AC004887, AL121658, AC004000, AC007227, AC007151, AC000038, AC006449, AC005940, AC003110, AC006312, AL096791, AC003030, Z86090, AC005911, AC005146, AC005377, AL035587, AL049748, Z82190, AF205588, AC005932, AC004675, AF196972, AC005815, AL009031, AC007371, Z99916, AL035458, AC005156, AF134726, AL031311, AC005632, AC007971, AC005014, AC005280, AL022165, AF038458, AC007308, AB028893, Z81314,
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			AL022316, AC007993, AC004878, AC004477, AC004491, AC004955, AC005237, AC007225, Z68284, AL121652, AL035249, AC003029, AC002381, AC002091, M30688, L35532, AC003963, AC006014, AC016B30, AC005512, AL022726, AC005089, AC004745, AC002115, AL022721, AC005015, AJ246003, AF015416, AL080243, AC004232, U78027, AC005529, AP000045, AP000113, AC005921, AC004858, AL009183, AC004262, AF030453, Z94721, AC006571, AC005924, Z83844, AC003950, AL034379, AB023048, Z83856, AF112484, AJ003147, AP000350, AC005778, AC004584, AF088219, AC004224, AL022326, AC007030	AI936564, AI962435, AI201540, AI380214, AI961173, AI671158, AI566131, AI656491, AI433302, AI963189, AW135283, AW340593, AI590272, AI766176, AA772548, AI825187, AA434569, AI269941, AI969352, AA994820, AI186948, AI086149, AA913392, AI915883, AI675268, AI245795, AI168364, AW301722, AI057243, AW161652, T64438, AA689365, AI559552, AW160896, AI864281, AI700595, AW005608, AA312356, AW139160, AA913865, AA913409, AA913845, AW105064, AA161287, W52556, AA164728, AI679666, R73981, AW170061, H04457, AI224056, R82382, H04535, AA303834, AI381331, R82335, AA604090, T65708, AA318057, AA370674, AL046969, AI766991, N50963, W63609, AW275443, D63017, AI679094, AW080108, AW274528, AI686345, AA533067, AA747495, AW084257, AI860839, AA827714, AA804511, AA134133, AA932238, AI557808, AI540890, AI557602, AI557258, AL080122, AF151842	AI936564, AI962435, AI201540, AI380214, AI961173, AI671158, AI566131, AI656491, AI433302, AI963189, AW135283, AW340593, AI590272, AI766176, AA772548, AI825187, AA434569, AI269941, AI969352, AA994820, AI186948, AI086149, AA913392, AI915883, AI675268, AI245795, AI168364, AW301722, AI057243, AW161652, T64438, AA689365, AI559552, AW160896, AI864281, AI700595, AW005608, AA312356, AW139160, AA913865, AA913409, AA913845, AW105064, AA161287, W52556, AA164728, AI679666, R73981, AW170061, H04457, AI224056, R82382, H04535, AA303834, AI381331, R82335, AA604090, T65708, AA318057, AA370674, AL046969, AI766991, N50963, W63609, AW275443, D63017, AI679094, AW080108, AW274528, AI686345, AA533067, AA747495, AW084257, AI860839, AA827714, AA804511, AA134133, AA932238, AI557808, AI540890, AI557602, AI557258, AL080122, AF151842	AA722013, AW269033, AA069460, AA361633, AA721982, AA584616, AB022537, AL031228, AC011422, AC008041, AC004025, AL121654,
762	HKAHJS6	874873	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:762, b is an integer of 15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:762, and where b is greater than or equal to a + 14.			
763	HLTBL32	874875	Preferably excluded from the present invention are one or more polynucleotides comprising a			

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 606 of SEQ ID NO:763, b is an integer of 15 to 620, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:763, and where b is greater than or equal to a + 14.	AC004125, AL022321, AL109613, Z82203, AC005969, U40455, AL009181, AC003960, AL008713, AC004038, AL049562, Z82975, Z83841, AC002463, AC004613, AC004079, U69730, AL031285, AC006039, AC006120, AL035423, AJ239329, Z94722, AC007527, AL035552, AC002479
764	HLTHZ36	874876	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1920 of SEQ ID NO:764, b is an integer of 15 to 1934, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:764, and where b is greater than or equal to a + 14.	AI767750, AI250810, AA130228, AW118751, N27857, AI651312, AI433165, AI401466, W93368, W94962, N40981, D61455, AA165269, T55132, AA847805, AI468845, H30324, AN532365, D60542, AI619882, H30262, H03885, AI763215, H03884, T55300, AI699580, AA249484, D60543, N44989, AA165270, AA130049
765	HMEES39	874877	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 145 of SEQ ID NO:765, b is an integer of 15 to 159, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:765, and where b is greater than or equal to a + 14.	AC006014, AC005488, AC005049
766	HMKA091	874879	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI215045, N23710, N23687, N23719, AI381455, AI904095, AC004660

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 422 of SEQ ID NO:766, b is an integer of 15 to 436, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:766, and where b is greater than or equal to a + 14.	
767	HLYAQ21	874880	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:767, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:767, and where b is greater than or equal to a + 14.	AI569747, AI949603, AW339333, AI936776, AI569861, AI565736, AA524378, AI433718, AI814606, AA928109, AA936433, AI769436, AI460156, AI808131, AI912468, AI827392, AI954011, H45332, AI804892, AI810078, AI934934, AI948440, AI369739, AI857312, AI391669, AI201931, W99313, AI203680, W99402, AA902596, AI193161, AA720019, AW118160, AA775522, R73459, AA302680, R01177, N95276, AI566140, AA779115, AA902680, AA024608, H45264, AW086135, H45122, AI245112, AI537576, AI051627, AI423335, AA302679, AI361236, AA400362, AA400200, AW051133, AW235966, H51924, AI969071, W24551, AA884669, AI056332, R73458, AA024607, H51323, AW169844, AA631740, H45426, AI927808, R10129, R01289, W24513, C00041, N92332, AW014923, AA731391, AA829858, AI952175, AA885351, AW418796, AI380472, T82683, AA635748, R11097
768	HCRNL20	874881	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 478 of SEQ ID NO:768, b is an integer of 15 to 492, where both a and b correspond to the positions of	AI692777, AA258408, AW297619, AI183378, AI474260, AI191464, AW297512, AW294313, AI478485, AW297408, AW297737, AW294130, AW296186, AA127691, AA057640, N24184, R99253, H51139, AI1139365, AI351435, H99620, AA057388, AA034447, N20668, H86528, R67834, H01050, H89687, N25995, AA683489, H85429, AI970658, AA057680, AF022857, AF022858, AF022860, AF016098, AF022859, AF022855, AF022861,

			nuucleotide residues shown in SEQ ID NO:768, and where b is greater than or equal to a + 14.	AF022856, AF022854, AF016297
769	HSYDX40	874885	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1160 of SEQ ID NO:769, b is an integer of 15 to 1174, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:769, and where b is greater than or equal to a + 14.	AI553878, AI582885, AA931164, X90541, AA628929, AW173048, AI609713, AI217596, AI079222, AI200872, AI203632, AA687174, X90540, AA558961, N23581, AI264285, AA573065, AI393611, AA905973, AW020554, AA706045, AA287759, AA088176, AA481571, N98998, AA810417, AI345650, W24069, AA088606, AW370187, AW239122, AA287879, AI352261, AA996289, AW362844, T81660, AA290688, AI686379, W28498, AA334525, T93995, AI201809, AA354348, AI859184, AW406969, T93971, T81459, AI695585, AA938505, T93317, W84678, T93295, AI866401, AW370293, AA659812, AA938282, AA911428, AI261420, AI340666, AA045371, AI262921, AA046557, AA374218, W31229, AA749096, AA290946, AL035402, L20294, AF086166
770	HWLOQ11	874886	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2454 of SEQ ID NO:770, b is an integer of 15 to 2468, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:770, and where b is greater than or equal to a + 14.	AI961474, AW382909, AI923923, AI990751, AI813884, AA843844, AI301132, AI963119, AI935247, AI740608, AW361050, AI264633, AI196974, AW274440, AW237561, AW263591, AI566325, AI985954, AI890112, AI587310, AI986332, AI972620, AI968319, AI675856, AI033049, AI554274, AI922853, AI738691, AI342974, AI024422, AA947925, AI138813, AI867016, N25349, AW029458, AW276074, AW026634, AW007315, AA505889, AA906022, AA862214, AI797947, AA484620, AI888735, AI356599, AW365086, AI688404, N31464, AA307247, AW382877, AA491776, AA583862, AI000815, AA372018, AI289801, AA723582, H95976, AW392026, H95975, AW391990, AA223227, AA548574, AA330741, AA594055, AI686185, AW014082, H98886, R34321, AA301143, AI206620, AI524791, AI868801, AW273907, AI468354, AI4689913, AI799367, R34204,

			AA573469, AA948211, AA577288, AW070462, T24686, AA773534, R35237, AI806231, AI367468
771	HMTAD91	874888	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1474 of SEQ ID NO:771, b is an integer of 15 to 1488, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:771, and where b is greater than or equal to a + 14.
772	HOSFI36	874889	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 533 of SEQ ID NO:772, b is an integer of 15 to 547, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:772, and where b is greater than or equal to a + 14.
773	HHEYM94	874890	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1380 of SEQ ID NO:773, b is an integer of 15 to 1394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

774	HPWCL64	874891	NO:773, and where b is greater than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 653 of SEQ ID NO:774, b is an integer of 15 to 667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:774, and where b is greater than or equal to a + 14.</p> <p>AA531009, AI803060, AW058661, AI871128, AI040865, AI635619, AA279688, AA314121, AA291325, AI300358, AI026031, AW136587, N48589, AI333491, AI217438, AA872204, AA313681, AA761900, AA825668, N62189, AI742355, AI167192, AA782249, AI472224, AI027048, AA969624, AA907863, R81199, AA279718, AA489085, AI356298, AA496950, AA490549, AI915658, AW242542, AA489150, H41907, F09870, AI809172, AW139442, AI346557, Z39110, AI346071, AI769499, AA948417, AI261341, AI818467, AI658736, AW328021, AW328022, AA936846, AA725007, AI949826, AA903934, AI240430, T65227, AI698620, AA805276, AW135001, N32423, AA077170, AI810090, AA094403, AI814548, AA070291, N56845, AA095591, T06057, AI884950, AA609881, AA635181, AF038969, AF038968, AF015553, AF038967, AF035737, Y14946, UT77948, AC004883, AF043220, AF043219, AF017085, AL078475, AP000025, AP000026, AL050302, X53795, AL050379</p>
775	HNTSQ62	874892	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1596 of SEQ ID NO:775, b is an integer of 15 to 1610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:775, and where b is greater than or equal to a + 14.	<p>AI686654, AI916713, AA714659, AW028133, AI989811, AI559512, AI718135, AA133016, AA310255, AI811558, AA071043, AA657616, AI872822, AI185995, AI191074, AI203138, AI434363, AA247842, AA568624, AA699378, AC002477</p>
776	HRDDU54	874893	Preferably excluded from the present invention are one or more	AA115680, AB014519, E15921, U36909, U38481, U58513

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 541 of SEQ ID NO:776, $b$ is an integer of 15 to 555, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:776, and where $b$ is greater than or equal to $a + 14$ .	
777	HRDBA25	874894	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 207 of SEQ ID NO:777, $b$ is an integer of 15 to 221, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:777, and where $b$ is greater than or equal to $a + 14$ .	AA424352, AW297467, AI799462, AI873546
778	HSRAJ45	874895	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 746 of SEQ ID NO:778, $b$ is an integer of 15 to 760, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:778, and where $b$ is greater than or equal to $a + 14$ .	AA424352, AW297467, AI799462, AI873546
779	HSABG91	874896	Preferably excluded from the present invention are one or more	AA374581, AC004134

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:779, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:779, and where b is greater than or equal to a + 14.	AI378613, AI936922, AA393435, AA523055, N76957, AW245437, T65927, AA024907, W30993, N47472, H48414, AI565690, AW242692, AI754672, AI720930, AA216408, AI201612, AA555112, AW149614, AA487105, AA603088, AI332480, AI492883, AI094251, AA024908, AI276096, R74140, AI167579, AI673629, N98762, W02738, AI272819, N55572, AA416685, N47473, AI167581, AI092203, AA825149, AA916571, AI0922758, AI248909, AI264776, AA987509, AA483520, AI277944, AI369766, AA693736, N72972, AI002124, W04419, AA229487, AI221121, AA338147, R08949, R98836, AA523795, AA534283, D45508, R74047, AA630266, AW057930, AI572755, AW083760, AA364768, AI433042, AI298399, R08842, T64500, AA416833, AA400759, AW168370, AA417902, AA704957, T63533, T63389, AI042536, AF020202
780	HWLGN30	874897	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1372 of SEQ ID NO:780, b is an integer of 15 to 1386, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:780, and where b is greater than or equal to a + 14.	AI1742888, AI811634, AI082194, AI601147, AI126493, AI125498, AA968723, AA758168, AI168553, AI417681, AA527858, AW275317, C18986, AI868664, AI418768, AA972311, AA193457, Y15909
781	HSPAL74	874898	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1215 of SEQ ID NO:781, b is an integer of 15 to 1229, where both a and b correspond to the positions of	AI1928200, AI760647, AI971249, AI638520,

			nuucleotide residues shown in SEQ ID NO:781, and where b is greater than or equal to a + 14.
782	HRDFM44	874899	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:782, b is an integer of 15 to 347, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:782, and where b is greater than or equal to a + 14.
783	HCYB79	874900	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 281 of SEQ ID NO:783, b is an integer of 15 to 295, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:783, and where b is greater than or equal to a + 14.
784	HSUBX76	874902	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

			is any integer between 1 to 720 of SEQ ID NO:784, b is an integer of 15 to 734, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:784, and where b is greater than or equal to a + 14.	AA729539, W92388, AA729171, T29560, H89939, D19699, N78673, AA699807, AI021915, AA705174, AA705503, AA306157, R00665, AA234002, AL134394, AA305796, R94138, X54942
785	HNEAF57	874903	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 1297 OF SEQ ID NO:785, b IS AN INTEGER OF 15 TO 1311, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:785, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.	AI338045, AW249380, W90044, R20623, N26338, W79482, W79626, AA931694, AW136308, AA478905, AW058071, R55686, AW182353, W87443, AA136405, W90000, T27099, AI767123, AI277412, AI282660, AA478787, W87306, R13502, AI193958, AA703389, AA136215, N46128, AA657536, W40494, T97614, W90244, AA081640, R55687, N31234, T27098, AI186810, C03423, AA663371, N36858, AI193351, AI244503, AI936229
786	HWLRA09	874904	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 619 OF SEQ ID NO:786, b IS AN INTEGER OF 15 TO 633, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:786, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.	AI014430, AW293893, AI765180, AA147335, AA976153, AA211147, R51494, AI188010, AL120688, AA995677, T25743
787	HSUSB86	874905	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a	H14437, N42300, AA315244, D60676, AL133605, Z54952

			is any integer between 1 to 1003 of SEQ ID NO:787, b is an integer of 15 to 1017, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:787, and where b is greater than or equal to a + 14.	
788	HOSAK80	874906	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2704 of SEQ ID NO:788, b is an integer of 15 to 2718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:788, and where b is greater than or equal to a + 14.	AW375533, AW391787, AA639599, AW009797, AA255695, AW391819, AA425619, AA618510, AL079748, AA262080, AW391788, AI469517, AW014143, AI187969, AW391814, AA102264, AA639406, AA627578, H65116, AI380427, U47707, AI866005, H65168, AI124709, AW390000, AA769199, T25163, AW391823, AW021256, AA093243, AA425438, AL079464, U30246, U13174, AF051561, U70138, AF071863, 236839
789	HE8TM43	874907	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2616 of SEQ ID NO:789, b is an integer of 15 to 2630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:789, and where b is greater than or equal to a + 14.	AA3394099, AW025523, AI765483, AA805363, AW299378, AW296409, AA548010, AI073822, AI127648, AA994971, AA417686, H42820, AA534227, AI538625, AI351805, AI636124, AW235552, AA600910, AI039515, AA905993, H45317, AA424496, H45253, AA079381, AI702324, AW104485, AI695911, AI611096, H00586, AA398116, AI749404, AA337844, AA335661, AA335270, H00587, AA417569, AA535640, AA730664, N87954, AA894367, AI912434, AI619502, AI538716, AI569583, AI686808, AA531444, AI445611, AI564719, AW022209, AI636719, AI041772, AI677796, AI439762, AI680498, AI366900, AI828731, AW075413, AI863382, AI567351, AI699865, AA427700, AI537303, AI583065, AI630928, AI536574, AW149869, AI961589, AI633125, AI824648, AI524179, AW007309, AI580984, AI569328, AI872711,

AI978703	AI799199	AI955906	AI818562
AI274759	AI249962	AW104724	AI469532
AI536638	AW087534	AI812107	AI590830
AI590021	AI491775	AI433590	AW148408
AI687728	AI560099	AW079159	AA449768
AI619716	AI886206	AW162071	AI590020
AI637584	AI833760	AI270183	AI590227
AI950892	AA225339	AI536685	AI597918
AI446511	AW089272	AI539808	AL045500
AL036802	AI554821	AI499393	AL038778
AI680221	AA572758	AW026882	AI620284
AI561356	AL036403	AI889306	AL036274
AI433157	AI121463	AI783504	AL079963
AI628205	AI824444	AW005858	AI871709
AI609331	AA804877	AI281762	AI445025
AI815232	AI500523	AI417790	AW152182
AI349645	AI247293	AI924971	AI435253
AW075667	AI826225	AW161579	AI476046
AI873731	AW020693	AI273839	AI925196
AI697137	AI921753	AW083175	AI612913
AA804860	AI309401	AI572787	AI340627
AW148320	AI432813	AL036631	AA911767
AW151136	AI678989	AL036396	AI613017
AI701074	AI824764	AI135661	AI862139
AI869367	AI648663	AI609580	AW029611
AI432969	AI492540	AI923357	AL036901
AI554344	AI610690	AW104827	AA640779
AL120853	AI634345	AI280747	AI271786
AI802542	AI624548	AI149311	AI048871
AW150578	AW301409	AI312428	AI634737
AI686877	AI445992	AL036736	AI445414
AA613907	AI954183	AI668893	AI537677
AI453322	AA938383	AI348897	AI282355
AI926790	AI581048	AI269862	AI886753
AI671679	AI520931	AI355849	AI4999131
AW129106	AI274013	AI863321	AL036980

	AW087445, AW102785, AI538829, AA641818, AI247193, AW084447, AI625079, AI475134, AL121365, AI520785, AI439089, AI499381, AI702073, AL119836, AI349772, AW188539, AL119863, AF049090, AF049089, I73428, U22321, I73429, I48978, AL049314, I89947, AF177401, AL117460, AF113690, I48979, AF106862, E03348, Y11254, A08916, AF078844, AL133080, AL117457, AL080060, AF146568, AF158248, AR011880, A08913, I89931, AF090896, AL096744, AL035458, AF113013, X82434, AF113694, AL133560, AL080124, I49625, AF113677, AJ000937, AL133016, L31396, AL050146, I66342, AL117394, L31397, AF090900, Y16645, AL122050, AL110225, U42766, AF113019, Y11587, AL133557, AF091084, AF090903, AL050155, AL137557, X70685, AJ238278, AL050116, AF125949, AL133565, S68736, E07108, AL049938, AL110196, AF079765, X63574, A08910, AF090943, AF113699, AF111851, AF090901, AL122093, AF090934, AF017437, A65341, AL050393, AF118070, AL049452, AL137459, AF017152, AF125948, AF113676, AL050277, AL137283, AL049466, AL133640, AJ242859, AR059958, AL133606, AB019565, S78214, AF104032, X728889, E03671, AL133075, U00763, A58524, A58523, AL110221, AL050149, AF015958, A08909, AF118064, AL117583, AL122098, AL050108, A93016, AF113691, AL049464, AF113689, AL117585, Y09972, AF097996, A77033, A77035, Z82022, AL137550, AL122121, AL122123, Y13350, X84990, AL080137, AL137527, AR034821, AF118094, E02349, AL049382, A12297, AL117435, AL110280, S61953, AL133093, AL137648, E07361, AL133113, U35846, U91329, AL049300, AL049430, AF183393, X65873, A65340, AL050024, S36676, A03736, AR038854, AL122110, AL050138, X96540, I33392, Z97214, AL133081, U86379, AL137533, AF061943, AL137538,
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		AL133619, AF182215, I03321, AL137271, AL137463, Z13966, U72620, AL080127, A07588, AL080159, M92439, AL049347, AL049339, I09360, E05822, U75932, U80742, X79812, AL137560, AF141289, AF199027, AL137521, AL049283, AL117587, AF118090, I117767, AF111849, X93495, AL137480, X98834, AL133665, AJ005690, AF111112, Z37987, AF030513, Y106555, X63162, AL110197, AL137574, X83508, A21103, AF087943, X80340, AF102578, I00734, AL133067, E06743, E00617, E00717, E00778, AF044323, AL137656, AL137488, E15569, AL133072, E01614, E13364, AF008439, S76508, AL133637, AF100931, AF067728, AL117626, I42402, AF192557, AF061795, AF151685, AL133077, AL133568, I32738, AJ012755, A15345, AR020905, A86558, Y10823, UT3682, I30339, I30334, AL137530, AF200464, AF026124, I09499, U62966, E12747, AC004883, A18777, A08908, AF106697	AW444966, AR048216, U25725, I81218, U19769, 135495, U30872	
790	HTTBS45	874908	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 295 of SEQ ID NO:790, b is an integer of 15 to 309, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:790, and where b is greater than or equal to a + 14.	
791	HLYAII4	874909	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 626 of	AW006470, AI809971, AI005027, AI971424, AW015576, AI141772, AA010520, AA010174, AA010173, AI141581, AW024482, N26868, AW016555, AA553681, AA304914, N26867, AI139723, AA568551, AW072539, AI014473, AA828755, AA452572, AI34499, AA356459, AA978338, AA452752,

			SEQ ID NO:791, b is an integer of 15 to 640, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:791, and where b is greater than or equal to a + 14.	AI280360, AA377550, AA410530, AI859135, X76670
792	HODFU18	874912	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:792, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:792, and where b is greater than or equal to a + 14.	AC005921
793	HTXCZ25	874914	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 445 of SEQ ID NO:793, b is an integer of 15 to 459, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:793, and where b is greater than or equal to a + 14.	AI634846
794	HWDAU63	874917	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1650 of	AA707319, AI984804, AW439331, AI692489, W95024, AA134968, AI168588, AW167913, AI468003, AW449269, AW167911, AI201953, AI420291, AA699428, AI810666, AI567799, AI739319, AA916635, AI304435, AA680283, N74060, AA149660, AW169395, AI018710, AI801753, AA1333567,

		SEQ ID NO:794, b is an integer of 15 to 1664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:794, and where b is greater than or equal to a + 14.	AA994034, AW248024, H83277, H51676, AA469069, AI247811, AW016006, AA904566, AA135049, AA337173, AI032568, H51090, AI364225, AI498396, AA337867, AI916393, AA007645, AI669871, AI191539, AA506356, AW247677, H83276, AI874026, AA007620, AA328273, AA372861, AA151875, AA911951, X97302, AC004477, X97298
795	HWHHHG74	874924	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 1915 OF SEQ ID NO:795, b IS AN INTEGER OF 15 TO 1929, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:795, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.
796	HWLIES3	874925	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 449 OF SEQ ID NO:796, b IS AN INTEGER OF 15 TO 463, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:796, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.
797	HWLLR30	874926	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a

			is any integer between 1 to 1055 of SEQ ID NO:797, b is an integer of 15 to 1069, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:797, and where b is greater than or equal to a + 14.	AW410590, AW276747, AA507009, AI439654, AW029229, AI393401, AI433913, R60873, AW390652, N66981, H11940, C20715, AI138586, AJ243247, T54259, T54366, AI932865, AI432638, AI834273, AI918642, AI422665, AA872991, AA564642, AL049869, AL031728, AF109907, AC004841, AL035695, AC005914, AC005015, AC005531, AP000030, AL109623, AC004491, AC004659, AC005529, AC005189, AC003109, AC007192, AC005694, AC004216, AC005778, AC002470, AC003101, AL034429, U91323, AC005527, AC002350, AC003003, AL021154, AC004144, AC007308, AC005288, Z99128, AL031602, AP000212, AP000134, AC005837, AC007363, AL034554, U91318, AL031680, AC004263, AL022316, AC007688, AF196969, AL049874
798	HLYCA86	874927	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:798, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:798, and where b is greater than or equal to a + 14.	AI798951, N45308, AI589356, AW080698, AA984122, AI475892, AI961689, AA552143, AI274347, AI365643, AI280847, AI024392, AI142759, AI699094, H19963, AW205803, AW207660, H19964, AA948497, AA813032, AW139889, AA025631, N54758, AW139887, AI081799, AI431413, Z44192, AW087258, AI202988, AI654604, AI739088, T55519, AW388380, AL075563
799	HDPT177	874928	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:799, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:799, and where b is greater than or equal to a + 14.	AW444696, AI719301, AA832074, AI685148, AI336897, AI913393, AI738434, Z99419, W44411,
800	HWBDT18	874929	Preferably excluded from the present invention are one or more	

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1398 of SEQ ID NO:800, $b$ is an integer of 15 to 1412, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:800, and where $b$ is greater than or equal to $a + 14$ .	AW193034, AA6944024, AA825655, AI221589, AI203245, N67470, AI927254, AI700836, AA993958, Z99418, AI862355, AI191028, AA730013, T23508, AW003365, AA058570, AI648383, AA879261, AA815061, AW137773, W69765, N52763, AA244319, AW44700, T67685, W45673, AI117608, AI117545
801	HWLMV6 2	874930	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 595 of SEQ ID NO:801, $b$ is an integer of 15 to 609, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:801, and where $b$ is greater than or equal to $a + 14$ .	AI718277, AI806204, AI922705, AA134958, AW189584, AW152541, AA911194, AA099689, H26598, AI523349, AI783469, C06405, AA856931, AW050657, AA650629, AA075317, AI535926, AC007750, I50896
802	H2MAC06	874931	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 946 of SEQ ID NO:802, $b$ is an integer of 15 to 960, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:802, and where $b$ is greater than or equal to $a + 14$ .	AA837575, AI750047, AI762213, AA528093, AI749649, AA514773, AA514789, AA421943, AA167440, AI708618, AA400973, AI474120, AA514874, AI283967, AA587027, AA167783, AA642930, AA878029, AW193324, AA857522, AI284506, AA164459, AA164458, AA838234, AA169874, W38398, AW276087, AW264913, AA148194, AA308126, AA148193, AA169614, AI669077, AA074902, AA079651, AW190644, AI306666, AA167439, AA857853, AA074845, AI199258, AA535642, AI826800, AA166792, AA074727, AA421944, AA165663, AA075896, AW265060, AA076140, AI626104, AA076188, AI541032, AA837890, N27757, AA102361, AA165649, AA100735,

	AA524360, AI833071, AA593897, AI680515, AA573267, AA401137, AI675895, AA079557, AA506601, AW272215, AA076566, AA837854, AA515574, N79823, AA169569, AW364597, U47734, AA173827, AW150580, AA299459, AA298668, AI810491, AA076565, AI940001, AW062899, AW062852, AW062884, AA366738, AI797418, AA298242, AI939989, AW352267, AA503624, AW062699, AI59933, AI749194, AI866124, AA172395, AI697412, AI473481, AA502597, AA329732, AW270590, AW000856, AA471032, AA494293, AI695633, AA508677, AW176400, AA321220, AA165627, AW176422, AA564033, AW085635, T11089, AA076046, C14389, C14407, D80949, D80168, D59695, AI557751, D52291, AI535686, C14298, D59627, D51079, D81111, D51213, D80064, AW352172, C14227, AW360780, AA305578, D80290, D80268, D59503, AI557774, C06015, AA164975, D58246, T11417, D58101, D80258, D45273, AA612667, AW377661, AA809122, D51022, D80248, D81026, AW377669, AA514188, D80014, D80195, T03048, Z21582, C14077, C16955, D80302, F13647, D80522, D80045, D80228, C14331, D59484, D52059, T02974, D80269, N66429, D80166, D80212, D80038, AA514186, D59502, D57483, D59889, D80219, C05695, D80196, D80188, D50979, D80227, D80366, D59619, D80210, D80240, D80193, D58283, D80391, AI535961, D80022, D51423, D51799, D80253, D80043, D50995, D80439, Z33452, D81030, D59859, D59610, D59373, D59275, C14344, D59927, AA514184, C15076, D80164, D80247, X99133, X83006, AR014298, S75256, AR014294, AR016808, AR018138, AB010386, A84916, A62298, I82448, A82595, A62300, X64588, U37689, AF058696, AR008278, AB028859, I81198, I82446, AJ132110, AB019242, AR060385, A47134, AR008277,
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			AR008281, I14842, AB002449, I79511, AR054175, AR060382, X72378 AI651652, AA384468
803	HTNAL08	874932	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 694 of SEQ ID NO:803, $b$ is an integer of 15 to 708, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:803, and where $b$ is greater than or equal to $a + 14$ .
804	HCQAM40	874933	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 574 of SEQ ID NO:804, $b$ is an integer of 15 to 588, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:804, and where $b$ is greater than or equal to $a + 14$ .
805	HWLQA72	874934	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 670 of SEQ ID NO:805, $b$ is an integer of 15 to 684, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:805, AI924794, AA505423, AI375468, AA547973, R12383, N33900, R96383, T80743, AW390137, AI264046, AI292085, AC008122

			NO:805, and where b is greater than or equal to a + 14.	AA313904, AA689381, W19916, AA902197, AA393734, N23500, AI890459, N56616, AW051533, N24997, W16484, H52633, AW022071, W25461, N41885, H53294, AA313388, W42529, N79351, T75271, W61213, F12959, AA993879, AL079496, AA084004, AA133565, T95141, T70377, N79169, R99979, T27956, AA588631, R24993, R08786, AA687406, N53211, AI001088, AI3337572, AI027335, AA553960, AA923044, AA989228, AA810405, AA906035, AI143828, N47413, AI948420, W93532, AI189230, AI039643, W94199, AI148327, W94196, W93533, AA927653, AI356713, AI080553, AA055950, H52606, N78077, AI083913, R99983, AW179332, AW360811, T03269, D50979, AW377671, AW177440, D80522, C14389, D59275, AW178893, AA305409, D80439, AA305578, D58283, D59859, D80022, C14331, D80166, D80195, D59467, D51423, D59619, D80247, D80210, D51799, D80391, D80164, D80240, D80253, D80038, D80043, D59787, D80227, D59502, AW375405, D81030, D81026, D80269, C14014, D80212, D80268, D80366, D80196, D80188, D51022, D80219, D50995, D59927, AW378528, C15076, D57483, D59889, D80193, D80133, D80045, AW366296, AW178906, AW360817, D80157, AW179328, AW179020, T48593, AW375406, AW377676, AW378534, AW352171, AW377672, AW179023, AW178905, AW177731, AW178762, AW178754, AW179019, AW179024, AW378532, D80251, AW352117, AW360834, AW177456, C06015, AW352170, D51250, AW178986, AW178907, AW178908, AW179018, AI525923, AW367950, AW178914, AW178774, AW178781, AW378543, AW378540, D45260, AW179013, T03116, AW378533, AW378539, C03092, AW378525, AW352163, H67854, AA809122, H67866, T11417, X63469,
806	H2LAD85	874936	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:806, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:806, and where b is greater than or equal to a + 14.	

			S67861, AB028859, AJ132110, A84916, A62300, A62298, A82595, AR018138, AR008278, AF058696, I50126, I50132, I50128, I50133, AR060385, AB002449, AR016514, X67155, AR060138, A45456, Y09669, Y17188, A94995, D26022, A26615, AR052274, Y12724, A25909, AR066488, A67220, D89785, A78862, D34614, AR018443, A43192, A43190, AR038669, AR066487, A30438, Y17187, D88547, A63261, D50010, X82626, AR062872, A70867, I14842, AR054175, AR025207, AR016691, AR016690, U46128, AR008408, A64136, A68321, AR008277, AR008281, D13509, AR060133, X68127	
807	HFKHN59	874937	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1313 of SEQ ID NO:807, b is an integer of 15 to 1327, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:807, and where b is greater than or equal to a + 14.	AI921873, AA481200, AI304320, AI768165, AI379094, AA191002, AI334404, AI340330, AW009506, AW130057, AI378231, AI082016, AA609439, AI088167, A1568962, AI142785, AI935098, AI703118, AI082313, N33943, AI348241, AA191127, AI122896, AI281199, AI183348, AI074860, AA9833647, AI340116, D20063, AA719027, H40196, AW024926, R66805, AA204702, D81776, AA377679, AI351943, AW367991, AA937537, K83669, AA810664, AI381182, H40158, 240776, N98634, AI264512, AA933618, AI076753, Z45043, N49654, AI547252, AI572332, N79414, AC006011
808	HWLRB64	874938	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 671 of SEQ ID NO:808, b is an integer of 15 to 685, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:808, and where b is greater than or equal to a + 14.	T06084, AL035703

809	HWLQB30	874939	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 843 of SEQ ID NO:809, b is an integer of 15 to 857, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:809, and where b is greater than or equal to a + 14.</p> <p>AI871466, AI671845, AA195528, AA195413,      AA495931, AI560767, AI379998, AI991515,      AA973558, W02507, AI335857, AA576833, AA495932,      AW297435, AI742592, AI824908, AI913877,      AI819330, H62123, W25679, H61406, AW148964,      AA573067, AA584360, AW404543, AA428270, N68677,      AW025064, AI468971, AA578326, AA493546,      AA214316, AA227802, AA330435, AI609984,      AA568263, AI043095, AI433952, AA551062,      AA715277, AW085751, T57562, AW192419, T62614,      AA845690, AA524604, AA320642, AL046110,      AA577706, AW072006, H77764, AW087537, AL042667,      AL042670, AW057760, AA525807, AI610012,      AA507745, AI609974, AA555232, AI267285,      AI133609, AL134700, AA063419, AA147397,      AI791659, AA515610, F08198, AA747491, AI547110,      AA811451, AA768079, AW410409, AI927275,      AA730872, T40342, R91049, H65404, AA679946,      AL037653, AI986101, AA484321, AI003626, W02370,      AI754926, AA515329, R21287, AL043285, AA021404,      Z82201, AC006013, Z79488, AC003101, AL035454,      AL033525, AC005074, AC004526, AL022237, U16300,      Z83840, Z95115, AC004477, AC004792, AC006965,      AC005856, AC005726, AL035659, AC002477,      AC002504, AC004843, AL049613, AB004907,      AC005257, AC009248, AC005206, AC005667,      AL121580, AC005409, AL132992, AP000228,      AC004066, AC005616, AC007845, AC000115,      AP000140, AC005740, AL049843, AC005669,      AF043233, U21936, AF154836, AC005303, AC005994,      AC004893, AL035405, AC007021, AC000111,      AC004921, AP000088, AC007226, AL023880,      AL021392, AL135783, AC006101, AC004242,      AC004985, AC001231, AC005755, AL049794,      AF124523, AC002040, AC006251, U66062, AC000007,      AF060911, AC005230, AL035690, AC007066,</p>
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810	HWLRS70	874944	Preferably excluded from the
			AC004033, AC005331, Z82190, AL050333, AL049636,
			AC005082, AL031667, Z83844, AC005874, AF134471,
			AL031602, AC003074, AL035552, AC006026, Z844666,
			AL117258, AC007227, AC003007, U80459, AL031846,
			AC000084, AF081795, AC005907, AC002306,
			AC004897, AL078593, AC005670, AL008723,
			AL049778, AC016025, AF023268, AL031427,
			AC005730, AC005971, AC004509, AL031255,
			AL049631, AL022316, AL020997, Z99128, AC002433,
			AC006064, U50871, AC002454, AF207550, Z97184,
			AC010205, AC008038, AC004662, Z97206, AC006211,
			AL049576, AC005696, Z97632, AC005520, AC004447,
			AL031775, AF165926, AC005368, AL035468,
			AC003004, AC004623, AL008632, AC006547,
			AP000511, AC006511, AL117340, AC005175,
			AP000555, AC007487, AC003110, AC000075,
			AC005828, AL136295, AC003682, AC005839,
			AL035460, AC004231, AC003038, AL050347,
			AC003969, AL132987, AC006536, AC002126, Z97630,
			AL009183, AR007118, AC007229, AL031058,
			AC006130, AC005663, AC002554, L42087, AL049777,
			AC004025, M81890, AF051976, AC007790, AF083655,
			U73634, AC002077, AC004611, AC004041, AP000065,
			AP000201, AC003042, AF124731, AC004968,
			AB023050, AP000097, AC005084, AL049775,
			AC005046, AL109809, AB006445, AF001552,
			AC005562, AC006261, AC005697, AC004699,
			AL035700, AL035400, AP000521, AL050308,
			AC007934, AL109952, Z95113, AC000118, AC005664,
			AC006162, AL049795, AP001550, AL050321,
			AL031291, AL034548, AC007919, L78810, AC005370,
			AC005358, AC004601, AP000688, AF001548,
			AC004496, AC004645, AC005049, AC005944,
			AC005058, AC006950, AC007676, AC005412,
			AC005004, AL008718, AC004000

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 277 of SEQ ID NO:810, b is an integer of 15 to 291, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:810, and where b is greater than or equal to a + 14.	AA134522, AA307072, AW062968, Z822216
811	HWLRO68	874946	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 951 of SEQ ID NO:811, b is an integer of 15 to 965, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:811, and where b is greater than or equal to a + 14.	AW299730, AI479289, AA702805, AA128305, AI566742, AW192551, AW299787, AI459679, AI983099, AI679576, AI889230, AI399741, AA707181, AI478838, AI004255, AI028106, AI078326, AW299399, AW168845, AI680013, AI687323, AI805808, AI624570, AI193114, AA846943, AI476388, AI554160, AW193492, AI860582, AI088396, W31638, AA845559, AA862493, AA515889, AI127031, AI061081, AA126669, AA985263, AI650916, W15544, AA953324, AA525911, W42789, AI679592, AI187008, R76873, AA505452, AA004794, R99397, AI076257, AI640475, AW242583, AI589312, AI924475, AI245398, AW166735,
812	HDLAZ62	874951	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1547 of SEQ ID NO:812, b is an integer of 15 to 1561, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:812, and where b is greater than or equal to a + 14.	AA299730, AI479289, AA702805, AA128305, AI566742, AW192551, AW299787, AI459679, AI983099, AI679576, AI889230, AI399741, AA707181, AI478838, AI004255, AI028106, AI078326, AW299399, AW168845, AI680013, AI687323, AI805808, AI624570, AI193114, AA846943, AI476388, AI554160, AW193492, AI860582, AI088396, W31638, AA845559, AA862493, AA515889, AI127031, AI061081, AA126669, AA985263, AI650916, W15544, AA953324, AA525911, W42789, AI679592, AI187008, R76873, AA505452, AA004794, R99397, AI076257, AI640475, AW242583, AI589312, AI924475, AI245398, AW166735,

			<p>AI923561, H63003, AI879857, W42882, H00775,      AA643547, AL047591, AA630199, AA370509, N68638,      AA610614, AI889586, AI061082, H16903, H16793,      AI089598, AI365007, AI632050, AI565433, R93003,      AI873642, H56447, AA370320, T72401, AI935347,      AI861861, AA371253, AI185613, AI565888,      AA344469, AI275678, AA370319, D78808, R10966,      AA005044, R58143, AI969207, AL047590, AA937865</p>
813	HCRPS91	874957	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 927 of SEQ ID NO:813, b is an integer of 15 to 941, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:813, and where b is greater than or equal to a + 14.</p>
814	HUVFU42	874958	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3678 of SEQ ID NO:814, b is an integer of 15 to 3692, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:814, and where b is greater than or equal to a + 14.</p>

	AI739374, AI343926, AI298969, AI219853, AI458220, AI961670, AI458271, AI761522, AW081629, AI694551, AA731544, AI654905, AW015400, AI474480, AA410622, W79206, AI632961, AA037869, AA151234, AI912767, W01469, AA557541, AA055499, W81328, AI536151, W78163, AI347767, AI079703, AA598704, AI140511, AA151235, N99244, AI636343, AI125306, AA054964, AA961018, AI304763, AA449339, AA533200, AW272847, AI866980, W81329, AA159320, AI587436, AI445795, AW152595, AI807730, AA928999, AW192175, AA055500, AI270626, AA296070, AL047460, AI299263, AI357497, AI051303, AA610459, N71284, AA573373, AA449596, AI424139, AI500427, R87565, AA062206, AI380967, H25317, AI304314, AI220037, AI223196, T68015, H52670, AA334272, W19687, T40960, N73730, AA904183, AI359433, R88290, AI446565, AA377114, AI621305, AW294279, AA782270, AW177746, AI280597, AA035720, H96235, C17439, R18416, AA370113, T68159, H25280, AW177724, AA343735, N90033, AI925799, T65301, H29776, AW177761, C18322, AW177729, N81082, AA602180, R42479, AA740926, AI566629, AI214694, AA342091, AA483635, AA834390, T27628, AW166730, AW268228, AA297206, AA630503, T66062, AA040935, AA366343, AW177726, AW169430, AW177711, F09803, T40037, AA295015, R25353, T94699, AA332630, H29777, D82697, AA235682, D82708, AW196082, F03396, AI825865, AI572754, AA370695, W03901, AI816591, T27365, D52341, AW299485, AI535812, AI420999, R26543, AA476794, N95783, D55624, F09809, F05771, F07118, AA443697, AA923572, D82645, D82699, AW177713, D54542, W21088, AA040934, H52671, H96769, W24897, AA092913, N58108, D82696, AI147279, H15856, H15859, D20617, AP001041, J04102, AF017257, X55181,
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				AF057716, J04103, AP001040, X07202, M11922, X55373, M30137, AF053637
815	HDTAC50	874962	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1413 of SEQ ID NO:815, b is an integer of 15 to 1427, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:815, and where b is greater than or equal to a + 14.	AI950924, AA642196, AI080485, AI478751, AA826349, AI609117, AI956163, AW247487, AA877922, AI554307, AI811132, AI683584, AW439653, AW188385, AW440251, AI587348, AI872291, AA643336, AA829451, AW166828, AW273286, AA640940, AI951029, AI499331, AI719446, AW167280, AA857475, AW189169, AW38306, AW190062, AI701090, AW167363, AI625657, AA192298, AI885602, AA989458, AI951044, AA404740, AI590386, AI923592, AA654341, AI800385, AW081623, AI905436, AW245053, AA946942, AA664179, AA622218, AA621814, AA314409, AI911814, AA548371, AI887275, AA885759, AI678664, AA579768, AI160630, AI862999, AA622236, AW438827, AA613571, AA044589, AI905508, AA847530, AW328703, AI905507, AA404622, AA586737, AA115673, AA313655, AI653644, AA420595, AI381559, AI570293, AI538968, AI858693, AA204792, AA307774, AI690564, AA429358, AA428822, AI458804, AA826641, AI690516, AA429267, AA602877, AA552682, AW193316, AA640574, AI074397, AI627914, AI678740, AI289526, AI887213, AA420528, AI1288272, AA577562, AA131105, AA315060, AA946716, AI84360, AI887604, AW247812, AW246052, AW247350, AI445012, AI888499, AI811027, AI887331, AA115613, AA838320, AA838791, AI610499, AA315942, AA610501, AI863020, AW241693, AA873061, AI446571, AI471290, AA837881, AA642931, AA587749, AA160618, AA314440, AA858181, AA420596, AI798293, AI690482, AI298807, AW245682, AA554027, AA978070, AA316886, AI198521, AI659658,

	AI758795, AA130711, AA134072, AI537976, AA156469, AA130774, W452228, AI128855, AI431647, AI1372012, AW182496, AA702833, AA115797, AW192168, AI567082, AA313433, AI355039, AA902819, AA307891, AA152041, AA954854, AA508843, AA315702, AI832207, AA075474, AI1335645, AA428664, AA053587, AA313656, AA932530, AA160929, AA102231, AI157911, AI699052, AA553886, AA100702, AI129410, AW270116, AI1358479, AA316210, AA007468, AA307393, AA115796, AI539743, AA826722, AA132800, AA164542, AA947155, AA224983, AA313627, AA152469, AA133627, AA075986, AA1196273, AA132687, AW117645, AA640611, AA738107, AA053376, AA131161, AI352582, AI355111, AA534019, AW250998, AA827038, AA132233, AA857172, AA079300, AA134071, AA631699, AA088444, AW058218, AA314216, AA1146738, AA654016, AA079346, AI129014, AI1363723, AA134344, AA056424, AA316488, AI539063, AA434255, AA099895, AA642621, AA8577886, AI1613424, AI689077, T69467, AA132847, AA551537, AA156087, AI917998, AA526936, AA232405, AA134436, AA053143, AA131904, AA151713, AA308958, AI355780, T53412, AA534245, AA908735, AA130985, AA169563, AA627722, AA099374, AA707152, AA976426, AA132737, AA5777558, AA129168, M26326, X12881, X12883, M26325, AL031685, M11686, M36376, AC006030, AL031585, AC004943, AL022333, AC008040, M24842, AC004033, AC005500, AC007731, Z84476, AL022068, AC002094, Z84488, AL031903, AC000094, AL049557, AL1333249, AL121652, X12876, AL034348, AL035088, X814448, L32537, AL031119, D16975, U16815, D17142, T49424, T53358, T53411, T53426, T53774, T66002, T69875, T70521, T71454,
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			T91620, T91638, T75022, H04036, R98427, H67647, W40311, AA053609, AA053751, AA054246, AA055754, AA056373, AA070385, AA078748, AA079106, AA078998, AA079224, AA079272, AA079299, AA079301, AA079441, AA099924, AA099322, AA102143, AA102230, AA100661, AA101459, AA122380, AA121217, AA121598, AA126099, AA128232, AA129167, AA133673, AA134250, AA130336, AA134343, AA134426, AA130795, AA130942, AA132593, AA132780, AA146646, AA146737, AA147136, AA152468, AA152053, AA155704, AA158964, AA159256, AA165084, AA172216, AA173642, AA192395, AA196123, AA196124, AA232597, AA578009, N83382, N84687, N85451, N85530, N88625, C17207, AA095459, AA247762, AA248680, AA634585, AA775145, T11032	AA148858, AW392670, AL119457, Z99396, AL119324, AW372827, AL119484, AL119319, AL119391, AW363220, AW384394, U46351, AL119355, AL119363, AL119497, AL037205, AL119522, AL119341, AL119483, AL119443, U46349, AL119439, AL119401, U46350, U46347, AL119418, U46341, AL119396, AL134525, AL119335, AL119444, AL119496, AL119399, AL042544, AL134536, U46346, AL043019, AL134533, AL043035, AL042614, AI142132, AL042984, AL042965, AL042975, AL134902, AL134538, U46345, AL042450, AL042542, AL134530, AL134519, AL043029, AL043003, AL042551, AL119464, AR066494, AR060234, AR054110, AB026436, AR069079	AA127950, AA861271, AW149008, AA694087, AA694410, AA490237, R91259
816	HWLW00 6	874965	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:816, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:816, and where b is greater than or equal to a + 14.	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 361 of	
817	HWLWP88	874970	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a		

		SEQ ID NO:817, b is an integer of 15 to 375, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:817, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:818, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:818, and where b is greater than or equal to a + 14.	AI521515, AW007430, AI583392, AA5822844, AI446296, AI631292, AW008277, AW338183, AW130700, AI570875, AI610606, AA552696, AI740591, AI610189, AI214229, AI888885, AA715547, AA620385, AA315896, AI433397, AW008101, AW027816, AI346268, AI469394, AA936226, AI144349, AI278723, AA810391, AA315881, AI075026, AI274190, AI720812, AI304499, AW338763, AI1819098, AW006673, AA745022, AI582486, AA730313, AA132642, AI358488, AA484064, AI886151, AA649280, AI803746, AW372991, AW372996, AW372997, AW028923, AA484878, AA715142, AA045699, AI682833, AW362691, AW362695, AW362733, AA576885, AI581761, AI918095, AA581843, AW006056, AI572709, AI347151, AA377007, AI431997, U47732, AA135215, AI027644, AI867535, AW363859, AI682856, AA135381, AI581943, AA515581, AI199246, AI590034, AI971090, AI597663, AA730839, AI186415, AI658616, T27588, AA146692, AI735766, AA746669, D25725, AW362673, AI868934, AI919583, AA146691, T10932, AA483386, AA515977, AI873184, AA045698, M35252	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1290 of SEQ ID NO:819, b is an integer of	AW374058, AW374043, W84439, H98077, AA725816, W52869, AI926580, AI185775, AI360440, AI96941, AI1718705, AA968470, AW002091, AW008856, AA047544, W67220, W91966, W52870, N47740, AA862294, W67288, AI610753, AA111874, AA471020, AA723203, D80637, W68493, AN625752, AL044614, H77377, H77376, AA745928, W25004, W69103,
818	HWLHWI 9	874972	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1290 of SEQ ID NO:819, b is an integer of	AW374058, AW374043, W84439, H98077, AA725816, W52869, AI926580, AI185775, AI360440, AI96941, AI1718705, AA968470, AW002091, AW008856, AA047544, W67220, W91966, W52870, N47740, AA862294, W67288, AI610753, AA111874, AA471020, AA723203, D80637, W68493, AN625752, AL044614, H77377, H77376, AA745928, W25004, W69103,		
819	HNTAI83	874973	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1290 of SEQ ID NO:819, b is an integer of	AW374058, AW374043, W84439, H98077, AA725816, W52869, AI926580, AI185775, AI360440, AI96941, AI1718705, AA968470, AW002091, AW008856, AA047544, W67220, W91966, W52870, N47740, AA862294, W67288, AI610753, AA111874, AA471020, AA723203, D80637, W68493, AN625752, AL044614, H77377, H77376, AA745928, W25004, W69103,		

			15 to 1304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:819, and where b is greater than or equal to a + 14.	AI127139, AA953939, AA908426, AA743114, W68358, AI913850, AI800072, AA535740, AI417080, N50135, AI439293, AI370639, W69102, AI277179, AI436715, AA883338, AA469058, N92824, AI200997, AA381324, AL044613, W94913, AI567418, AA328028, T81345, AI268678, T81520, AA973639, AA662178, AA662216
820	HWLWS24	874974	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 980 of SEQ ID NO:820, b is an integer of 15 to 994, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:820, and where b is greater than or equal to a + 14.	AI650267, AI660992, AW450250, AI492051, AA557521, AW292631, AI830321, AI762011, F37656, AC004080, AF032095
821	HWLWP62	874975	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:821, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:821, and where b is greater than or equal to a + 14.	AA627098
822	HOENV16	874976	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 782 of	AW006474, AI085578, AI671277, AI240723, D5927, D58283, D81030, D59619, D80210, D80240, D80195, D51423, D80219, D51799, D80253, D80188, D80391, D80212, D80227, D80196, D80193, D80043, D80038, D80366, D59467, D80022, D80045, C15076, D80166, D59275, F13647, T03269, C75259, C14014,

	<p>SEQ ID NO: 822, b is an integer of 15 to 796, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO: 822, and where b is greater than or equal to a + 14.</p> <p>D80378, D50995, D80134, D59610, D59502, C14429, D80241, D81026, D59859, D51250, D80164, D80949, D80269, D80268, D59787, D57483, D80168, D58253, C14227, D80024, D50979, D81111, C14331, D59695, AA285331, C14298, A1910186, C14389, D80522, D51060, AW178893, AA305409, A1557751, D51079, T11051, T11417, AW177440, AW179328, AW178775, D51022, D80014, AW378532, AW369651, Z21582, AI905856, AW352158, AW377671, D51097, AA305578, D80251, D80248, D80133, AW178762, D52291, AW177501, AW177511, D51213, D80064, D80247, AW360834, D59627, AA514188, C05695, AA514186, AW360811, AW352117, T02974, AW176467, AW378540, AW375405, AW366296, AW360844, AW360817, AW375406, AW378534, D80132, AW179332, AW377672, AW179023, AW178905, AW179220, D58101, AA815045, D80302, AA809122, D80439, AW378539, AW352171, AW377676, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, AW352163, AW177505, AW360841, AW179020, AW177731, AW177456, C06015, AW179329, D80258, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, T03116, AW352174, D80157, AW179004, AW178914, AW378525, D58246, AW367967, D51103, AW177728, D51759, AW178774, A62298, A62300, X67155, Y17188, A67220, A84916, A25909, D26022, D34614, X68127, AR025207, AJ132110, A78862, D89785, AR018138, AR064240, D88547, A85396, AB012117, AR066482, A85477, A86792, X82626, U87250, AF135125, I19525, X93549, AF058696, A30438, AR008278, A82595, A44171, A45456, AB028859, Y12724, A94995, AR008443, AB002449, Y17187, AR060385, U79457, S69292, I50126, I50132, I50128, I50133, AR06488, AR016514, A43601, U46128, AR060138, Y09669, A26615, AR052274, I18371, X89963, AR016691, AR016690,</p>
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			AR008277, AR008281, AC002324, A43190, AR066487, A43192, AR038669, AR066490, AC005553, AR023705, D88507, I18367, D50010, S78798, AR051191, AB033111, I14842, AC005992, AR054175
823	HCRPM57	874977	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 489 of SEQ ID NO:823, b is an integer of 15 to 503, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:823, and where b is greater than or equal to a + 14.
824	HWLQT35	874978	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:824, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:824, and where b is greater than or equal to a + 14.
825	HTWBQ51	874979	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 951 of SEQ ID NO:825, b is an integer of 15 to 965, where both a and b

		correspond to the positions of nucleotide residues shown in SEQ ID NO:825, and where b is greater than or equal to a + 14.		
826	HWLWS65	874980	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 440 of SEQ ID NO:826, b is an integer of 15 to 454, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:826, and where b is greater than or equal to a + 14.	
827	HCRQC24	874981	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 740 of SEQ ID NO:827, b is an integer of 15 to 754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:827, and where b is greater than or equal to a + 14.	T78662, H19164, AA417995, AA476744, AA450244, AA418054, Z99396, AW392670, AW363220, AW384394, AL119457, AW372827, AL119355, AL119324, U46350, AL119497, AL119319, AL119341, AL119484, AL119363, AL119391, AL119443, U46351, U46349, AL036418, AL038837, AL119483, U46341, AL119522, AL119396, AL037051, AL119335, AL036725, AA631969, AL119496, AL119418, AL042433, U46347, AL119444, AL036858, U46346, AL037205, AL119401, AL134902, AL042614, AL119439, AL134528, U46345, AL042450, AL042965, AL042975, AL134533, AL119399, AL039074, AL036924, AL042984, AL134525, AL134536, AL134538, AL042970, AL042551, AL142131, AL042542, AL042544, AL043033, AL043019, AL038509, AL043029, AL119488, AL037085, AL037094, AL037526, AL043003, AL036196, AL037639, AL036190, AL119464, AL037082, AL036767, AL038520, AL037077, AL036774, AL036268, AL036651, AL038447, AL036998, AL038851, AL036733,

			AL037027, AL036679, AL037615, AL036191, AC006322, A81671, AR060234, AR066494, AR023813, AR064707, AR054110, AB026436, AR069079
828	HTFNIM11	874983	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1423 of SEQ ID NO: 828, b is an integer of 15 to 1437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO: 828, and where b is greater than or equal to a + 14.</p> <p>AA074187, AA669462, AI917911, AW103106, AI355835, AW103377, AW340863, AI559161, AI479340, AW129494, AW148988, AW167281, AW269709, AW261980, AW087962, AI908429, AI923895, AI354339, AI927751, AW089825, AI744249, AW168120, AA868807, AI814764, AI985223, AW151176, AW273772, AA573808, AW029250, AI687458, AW084593, AW152335, AW268696, AW304937, AI635632, AW026080, AA577099, AI554825, AI670005, AI669620, AL046634, AI961413, AI538283, AW150201, AW190158, AW150248, AI457126, AW249579, AI908427, AW117983, AA810194, AW270751, AL036452, AA977560, AI124949, AI680216, AW247016, AA857352, AI982977, AW029202, AI559488, AW376460, AI954479, AI701913, AI632826, AW167333, AI248268, AI446794, AI446060, AW380204, AI349399, AA581982, AI682951, AI252802, AW440362, AW020045, AW008301, AI671051, AI289804, AA665980, AI568322, AW021675, AA173182, AW130142, AI026039, AI434635, AI911309, AI573003, AI446390, AA954930, AI984482, AI374618, AA181983, AI057274, AA179470, N21996, AA2226708, AI278679, AI298496, AA446617, AI925510, AA974398, AI273198, AA226709, AA707299, AA121756, AA402954, AI921447, AI073691, AA768758, AI312203, AW392756, W45167, AW104776, AW392749, AA101668, AI359875, AA165148, AA101669, AW005848, AI952630, AI749014, AA643088, AW023539, AA829123, AI312505, AW385916, AW296777, AI307609, AA983206, AA187710, AI476692, AI340572, AA773607,</p>

	AI475162, AI862249, AI312306, AA526422, AI611983, AA602967, AA565745, AI885883, AA471082, AA056505, AI538718, AA132397, AW250218, AI054028, AI379393, AA398033, AA595292, AA730329, AI539225, AI961507, H4741, AI054071, AI053691, AI907726, T28833, AI907725, AI144057, AA938221, AW195966, AA598758, AI157122, AI160159, T52342, T16507, R20669, AW438650, AI367522, AI371646, AW020791, AI950485, AA525282, AA657470, AA668967, AI886900, AA664947, AA541325, R91274, H65057, AI582554, AI283298, AI289745, AA309510, AA714959, AI719106, AA635306, AA641308, AW439909, AA605255, AI678467, AA593616, N86019, AI200644, AA130709, AA491783, AA778946, AA938342, AA978234, AA730906, AI690374, AA777101, AW361992, AI609456, AI968521, AA422054, AI926010, AA385014, AA760949, R99859, R35455, W44909, AW176675, R66482, AA385422, H29537, AA226711, AI687564, AI904680, AI288169, AW073614, T24019, AA357070, H88800, AW150916, AA464938, AA507259, AA582283, AW148930, AA056391, AA642952, AA621999, AA385393, AA382697, H02438, AA299620, AW089302, AA302011, AA730547, H99801, AI370435, AW270430, AI865172, AA595078, AA485837, AI864237, AA328541, R59743, X15187, Y09136, X76301, U01153, X04850, J03297, AF001631, X90848, AF087988, M29652, S69316, U72620, U95739, U68387, U01145, AF106862, U00763, AC007390, AJ238278, 189947, AL117435, Z8202, A08916, AF146568, A08910, A08909, AF061573, AL137550, AL110225, I03321, I48978, A08913, AF158248, AL078630, Y16645, S78214, AL050108, U35846, AL133560, AL080124, AF067728, AF177767, AF017437, AL049283, AL137560, I89931, AL049452, I49625, AL049466, U67958, AL137271,
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L31396, L31397, AL122110, AF090900, A08912, AF090901, AF090903, AL050116, AF104032, AF078844, AF097996, AF111851, AJ012755, AF113694, AF113019, I33392, AL137521, AF100931, AL133557, AF026124, A03736, AF061943, AL049314, AL117457, A77033, A77035, U42766, AF091084, AJ000937, A58524, A58523, AL050277, X82434, I26207, Y11254, AL133640, E02349, X72889, AL133075, AR011880, AF113690, AL133067, AL133080, AF087943, I48979, AL110221, AL133016, AF113013, AF113677, S68736, AL050149, AL050146, AL122093, X96540, AL137463, AL117583, AL137459, AF125948, AF177401, AF090896, AL133113, AF118094, A65340, A65341, AL050024, AJ242859, AL117460, X93495, AL133072, AF079765, AL049464, AL080060, AF090943, AL137557, X70685, AL137648, AF183393, AL137538, Z37987, AF182215, AF026816, U80742, AL050393, AL133565, AJ006417, M92439, AR038854, AF090934, AL049938, AL117585, AF113676, AL096744, E15569, AL050138, AL137480, Y11587, AF118070, AL110196, AL049430, AF113699, AL049382, I42402, AL137527, X65873, AL133606, AL122123, Y10655, AF119337, E03348, AL122049, AF113689, AL122050, X84990, A93350, E07108, AL137533, AL137294, AL137429, AF162270, AF017152, A12297, AL080159, AL080127, E08631, AL117440, AF113691, X63574, AB019565, AL049300, AF118064, AL137478, AF125949, AL117394, U91329, AL137292, AL110280, AL137283, I09360, AL133093, AF118090, AR059958, AL122098, Y09972, AL080137, AL050092, AL122121, X98834, AC002287, E07361, A93016, AF111112, L19437, AR000496, U39656, AL122111, L30117, Y14314, AL133077, AL133014, T52415, H29629, H40251, H42866, H89024, H93634, N58661, W23630, W35220, W45470, AA243082, AA469426, AA542859, AA564057,
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			AA582806, AA631721, AA665064, AA804747, AA886009, AA879155, AA910665, C03238, AA642881, AA090857, AA485703, AA771820, T25411, T11007, D25940, D25930, T23921, F02372, AI270088, AI540420, AI540744, AI583046
829	HFIUG95	874984	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 959 of SEQ ID NO:829, b is an integer of 15 to 973, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:829, and where b is greater than or equal to a + 14.
830	HSRFC02	874985	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 800 of SEQ ID NO:830, b is an integer of 15 to 814, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:830, and where b is greater than or equal to a + 14.
831	HCRPC43	874989	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 597 of SEQ ID NO:831, b is an integer of
			AI453137, AW340695, AA055348, R77985, AC007115 AI047872, AA406422, AA058677, AA214136, R57531, AI798347, AA213958, D87466

			15 to 611, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:831, and where b is greater than or equal to a + 14.	
832	HMSPB24	874990	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 574 of SEQ ID NO:832, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:832, and where b is greater than or equal to a + 14.	AW378532, D44721, AA558814, AI114719, AA587516, AA584862, D34614, AC004134, AC007686, AL031289, AL049874, AC004024, AL133353, AC007227, AC005089, AC004895, AC007114, AC003043, AC004019, AC006050, AL132777, AC002094, AL122020, AC005099, AC005972, Z98884, AC005696, AC007216, AC006160, AC000052, U52111, AC005412, AC003010, AL022328, AL024507, AL031650, AC005914, AC004859, L44140, AL034429, AL049776, AF196971, AC006538, AC004242, AC005365, AC005602, AF064861, Z93930, AC005578, AF053356, AL080317, AC005088, AC000025, AC002565, AC004685, AC005876, AC004132, AC003074, AL109628, AC006312, AC022517, U91323, AC004854, AC005785, AC007666, AR000113, AC005519, AC007386, AP000512, AP000252, AL109627, Z844666, AL080243, AC002312, AC004815, AC004929, Z98946, U95090, AF030453, AC005747, A28005, AL139054, AC007055, AC009336, AF001550, AL021155, AC005049
833	HWLW183	874991	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 422 of SEQ ID NO:833, b is an integer of 15 to 436, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:833, and where b is greater than or equal to a + 14.	N50355

834	HCQBI18	874992	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1076 of SEQ ID NO:834, b is an integer of 15 to 1090, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:834, and where b is greater than or equal to a + 14.	AL045919, AA573761, AW188430, AI199276, AI828370, AA704757, AA536162, AI826890, AI889712, AI161261, AI926049, AI379842, AI582837, AI674148, AI300550, AW195939, AI272783, AW197994, AI567539, AA654159, AA171760, AA612729, AA172001, AA468860, T87025, AI308B22, AI432499, AI864369, AL045918, AW166813, AI739207, AI286309, R83710, H57265, AA533033, AI497727, AW086291, AC009320, AF024533, AL031289, AC005520, AL022327, Z84497, AC003666, AL031774, AC005829, AC004638, AC002310, AC007216, AC006117, AC004526, AL022238, AL121603, AF205588, U95742, AL022240, U95740, AL117339, AC003101, AC007308, AC004841, AL020997
835	HWMBE49	874993	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 946 of SEQ ID NO:835, b is an integer of 15 to 960, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:835, and where b is greater than or equal to a + 14.	AW242997, AW007803, AI446497, AW339160, AA025386, AW139969, AA043093, AA583505, AI362355, AW005585, AI904496, AA026030, AW362151, AI866565, AI571422, AI537761, E14566, E14558, E14559
836	HCRPH59	874994	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:836, b is an integer of 15 to 450, where both a and b correspond to the positions of	N73791, AA812058, AA565733, AA290629, AI291317, D56402, AA515350, W18186, AI053786, AI758582, AA614010, AA292003, AA564561, AA857296, AI216054, R92404, AA663966, AW337454, AI433247, R91232, AI979005, AA633954, AI859834, T06828, W23546, T90884, AI890385, N55273, AA584603, AI865213, AA121919, AA774019, AI151407, AA557486, AA318014, AA063139, AA371857, T90696, AA837256, F27999, AI114477,

	nuotide residues shown in SEQ ID NO:836, and where b is greater than or equal to a + 14.	AA654262, AC006127, AC003101, AC006285, AC004841, AC005911, AL031670, AB023049, Z84466, AC005932, AL050307, AC008372, AC005546, U85195, AF001549, AE000658, AC005037, AC002425, AL035685, Y14768, AC005071, AC004125, AL096701, AC016025, AC005971, AC004526, AP000505, U07000, AL022322, AP000563, AL031846, Z93017, AL035683, AC006571, AC002378, AC005057, AL022476, U62293, AC002301, AC016027, AC005529, AC006251, AC005694, AC006210, AF129756, AC004675, AC004491, AL121653, AC005839, AL035659, AF030453, U47924, AC004382, AL021155, AC004834, AC005519, AC004217, AC006449, AF053356, AC004859, AC016830, AF047825, AC002400, AC005017, AC006132, AF088219, AC004216, AC002073, AC005088, AC004887, AP000350, AC007857, AC004815, AC003108, AP000689, AC007227, AC005081, AL035455, AL021707, Z95115, AC005412, AL031664, AC006509, AL031728, AC000035, AL034451, AC004821, AC002369, AC002477, AL109984, AC009516, AC004253, AL031311, AC005484, AC006965, AC002310, AL035072, AC022517, Z97053, AL022312, AL049872, AJ003147, AC002070, AC006271, AL132712, AL050318, AC005940, U82828, AL049829, AC005914, AC005015, AC005531, AF134726, AC002544, AC005225, AC005500, AC005069, AC005295, Z99716, AC005859, AP000512, AC005921, AC004106, AC005193, AC005695, AP001052, AL117354, AC002565, AP001053, AC004966, AC005231, AC005082, AP000688, AP000503, AL049759, AP000501, AC006511, AC007376, AC006241, AC004938, AC005520, AL109963, AC004602, AL034420, AC005003, AC003104, AC007041, AL031427, AD000092, AL034417, AC005331, AC008101, AC005832, AC002316, AC002558,
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			AL021453, U91326, AL031662, AL031597, AC004707, AC005829, AC005736, AC007055, AC004084, AC005821, AC005527, AC005280, AP000212, AP000134, AL133353, AL080243, Z97054, Z98884, AC005089, AC004882, Z95116, AF196969, AL035249, AC005479, AL139054, AC007263, AC002352, AC006211, AC002395, AC005875, AC004832, AL008726, AP000347, AL031447, Z84484, AC002996, D84394, R50086	W20092, AA045214, AI677860, AI143214, AI636820, AA045249, AA491378, AA505146, AA255801, AA978262, R42858, AI221282, AA844031, AA535882, AA256694, AI625350, AI630082, AA913852, N90432, AL031297
837	HCRPJ86	874995	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1130 of SEQ ID NO:837, b is an integer of 15 to 1144, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:837, and where b is greater than or equal to a + 14.	AI306705, AW169604, AI554821, AW083572, AI961589, AW002362, AI868204, AI612885, AA983883, AI687568, AI1345688, AI538116, AI690748, AW078606, AW168503, AI702073, AI470674, AI916419, AW090550, AW193467, N98597, AI648508, AI540382, AI631216, AW090393, AW191844, AI766348, AI590043, AI345612, AI568060, AI670009, AI798608, AI345415, AI932949, AI433157, AI569583, AI866649, H89138,
838	HCRPH30	874996	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 260 of SEQ ID NO:838, b is an integer of 15 to 274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:838, and where b is greater than or equal to a + 14.	AI434134, AW084869, AI568855, AI758309, AI564765, AI345416, AW087199, AI862144, AI914736, AI690948, AA641818, AI352326, AW102989, AW024793, AI926143, AI470648, AI567612, AI636585, AI584130, AI799674, AI814087, AI619662, AI284035, AI289310,

	AI799189, AA012905, AW152182, AL046466, AW162194, AI270707, AI633125, AI698391, AI538564, AI251221, AI811785, AI915291, AI826225, AW238688, AI475394, AI340982, AI434731, AI889189, AI651045, AI590423, AI354627, AI889323, AI697191, AI589267, AI468959, AI582966, AI241923, AI185767, AI500714, AI862825, AI583032, AI884318, AI638644, AI569975, AW089439, AW090013, AI569579, AI628325, AI520862, AW168663, AI890223, AI597758, AI281867, AW089006, AI659518, AI561356, AI561038, AL040694, AA872507, AI268320, AI564166, AI478639, AI627745, AI273112, AW089572, AI623746, AI699823, AI521005, AI949510, AI812107, AW161202, AI582912, AI702301, AW086082, AL037582, AI046595, AL037602, AI627988, AW022682, AI246319, AW163834, AI811644, AI587156, R41605, AI620866, AW002838, AW079119, AI635038, AI891031, AI921092, AL037030, AW130689, N29277, AW102821, AI832245, AI890507, AI619748, AI423105, AL046618, AI699764, AW059828, AI953817, AI269469, AI887389, AI537960, AI439601, AA056265, AW149026, AW193038, AI554186, AI637833, AI933992, AI540606, AI828412, AI540784, AW189301, AW081298, AI521560, AI702068, AW051088, AI539800, AI348917, AI921254, AL036980, AI309306, AI648408, AW129918, AI866082, AI917145, AI6344805, AI635897, AW026087, AW170700, AI539667, AW167918, AI270295, AI471282, AI247193, AI361739, AI583578, AI349957, N29481, R32821, AI956086, AI537408, AI267185, AA814990, AI345005, AI587143, AI868163, AI627896, AI572787, AW081449, AI912477, AI564448, AI591025, AI573167,
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	AI559287, AI054931, AI445115, AI799183, AI872423, AI824764, AW104836, AW263804, AI866798, AI683099, AI244148, AW105601, AI452556, AI818204, AI565128, AI917963, AW148895, W74529, AL036925, AI890806, AI349598, AL036664, AW075207, AI349256, AW118382, AI784252, AI277008, AI679321, AI580674, AW193911, AW102902, AI312152, AW198090, C16221, AI343037, AW269097, AI612750, AI961414, AI366900, AI830259, AI955906, AF183393, I89947, AR038854, AF159615, I48978, U58996, AL137558, A08916, A08913, A08912, A08910, A08909, AF153205, AL137476, A08908, S76508, AF115392, Z1396, AL023657, AL137480, I89931, Y10080, AF017790, AF090900, I49625, A52563, AF169154, X63410, AL049464, Z82022, U87620, AL050149, X63410, AL049464, Z82022, U87620, AL050149, A18777, AF139986, A15345, AF026816, AL080124, U75932, AL049339, A83556, I89934, U49434, U35846, AL122049, AL133558, AL080126, X82434, S78453, AF111851, AL117460, AF061981, A27171, AF061573, AF107847, AF111849, AL133557, AL049452, AL122100, A08907, AL137292, AL050170, AF115410, AF113019, Y10823, A77033, A77035, E01314, AL110171, Y10655, AF065135, U92068, L31396, U68387, AF015958, AF137367, E02221, L31397, Z97214, AF003737, AL049300, S36676, AF106697, AL050138, AF113691, S77771, I89944, AF026124, AL110225, U80742, AL133113, AL110280, AL050366, I48979, S75997, AF036941, AL117585, AL117394, AL110159, AL080159, X56039, I03321, AF158248, AF146568, AL117435, X72889, AL137276, AL137463, E02914, Y11587, AF051325, AF113699, AL137271, M30514, U57352, AL137656, AL133014, X93495, AL110222, E01573, E02319, A21103, AR020905, AP090934, AF113677, AJ000937, A08911, AL137530, X80340, AL117583, A93350, AL137574,
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		<p>AL137529, AL050116, AL137533, S68736, AF090896,      132738, X57961, AL050092, AL133619, AL050393,      AL137641, AL133665, AL080163, A58524, A58523,      AF162270, AL050015, X98066, AL050277, L19437,      A07588, AF067728, AL137560, U95114, AL117416,      U86379, AL117578, AF061795, AF090903, AF151685,      AF125948, AF177401, AL137550, AF106657,      AL137665, D83032, AC002467, A08915, AL049324,      I80064, X79812, I33392, D89079, AL080074,      AL133640, A76335, AL080154, AF000301, AL133075,      A90832, AL080140, AL137488, AF000145, AL137479,      Y08769, AL110218, 100734, S61953, AF113694,      AF100781, I18355, AF017437, AF090943, I34392,      AF118070, AF069506, AF141289, X63162, U53505,      AL049466, E15324, X84990, S69510, AF205861,      AL122045, E00617, E00717, E00778, AL050108,      AF016271, AL137658, AF185576, S79832, AL080148,      A12297, AR034821, X65873, AL137548, AL137521,      AF022363, AF061943, E15569, AL137539, AR068751,      AB016226, AL137283, AF113689, S63521, AF118064,      AL050024, AL117587, X70685, AL049314, L30117,      AL133098, AJ242859, I17767, AL137711, Y09972,      E06743, Y14314, S83440, D16301, AL133010,      U91329, AF032666, AF057300, AF008439, AF057299</p> <p>AI755214, AI754567, AA773463, AI754105,      AW406447, AI366993, AI278972, AW304805,      AI984168, AI291439, AW272815, AI537995,      AI355246, AI536858, AI130709, AI249688,      AA828637, AW272640, AI814682, H73550, AW131356,      AW148775, AA634991, AA488746, AI038304,      AI674840, F27015, AI634187, AI569100, AA808875,      AI499954, H71678, AI859438, AW072963, AA503168,      AI623764, AI587583, AI587565, AW192599,      AI0533978, AA483606, AA489390, AI627917, T74524,      AL041924, AW166808, AA483075, AI206841,      AA570740, AA702637, T47138, AI004591, AI879951.</p>
839	HCRPH54	874997

	AA169245, AA626040, AI078409, AA714011, H91062, AW265688, AL037927, AI205181, AA455483, AI189682, AA488689, AI457313, H05940, AI278130, AI620992, AW191886, AL037910, AW105463, AL045077, AA568204, AI927275, AA714110, AA609834, AI371249, AI080307, AI890971, AA574442, AA642053, AA603413, AW263864, AI687343, H57988, AA601327, AI961983, AI862716, AI254779, AI417469, AA489240, AC005074, AC005057, Z84480, Z83838, AC002425, AL133245, AC006241, AC004531, AL049709, AL021407, AC008044, AL121652, AL109627, AC002347, AC005066, AC005409, AL031432, AC006153, AC007938, AC004801, AC005531, AC006312, AL050343, U96629, AC003042, AC005759, AC005412, AC005632, AC002394, AC002302, AC002472, AL034549, AL049779, AC003101, AL049830, AC016027, AC006236, AC006453, AC016830, AC005228, AP000557, AL031315, AP000689, AC005829, AC004230, AC007263, AC006196, AL049776, AC004682, AL020997, AF196969, AC007919, AP000349, AL121754, AC006121, AC000041, AC006023, AC007308, AC007731, AC007384, AC005500, AL031774, AC004983, AL121603, AL133448, AC005619, AP000113, AP000045, AC005764, AC004771, AC005247, AC005755, AC005920, AC002430, AC005940, AC005225, AC005288, AC007314, AL132987, AC006449, AC004228, AC006211, AC004821, AC005932, AP000694, AL031255, AC004685, AF139813, AC005089, AC007191, L77570, AC005747, AC005046, Z85986, AC005905, AC007055, L78833, AC004148, AC004491, AF003626, AC005971, AC005280, Z83822, AC005488, D87675, AC004792, AP000553, AC007161, AL049780, AF129756, AC005082, AL079342, AL096701, AP000555,
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			AC004020, AC004812, AC008134, AC007283, AP000141, AC005837, AC005291, AP000009, AC004760, AL117258, AC007298, AL031680, AL080243, AL020993, AL079340, AC007285, AC001226, AC004605, AC004477, AF050154, AL021391, AC009516, AL031281, AF111168, AC002470, AC006162, AC003025, AC006285, AC002352, AC004819, AL035071, AC004084, L44140, AC003041, AL008729, AC004955, AC007999, AB014079, AC003982, AC005041, AL109952, AL031259, AL021920, AC005102, AF064861, AC004139, AC007845, AC007664, AL035587, AL022318, AL109628, AC004832, AC007325, AC005011, AP000514, AC004678, AL031311, U95740, AL031673, AC009247, AL022323, AC005899, AC004526, AC005567, AC004929, AL034429, AC006237, Z93017, Z93241, AF047825, AC007172, AF165926, AC004236, AP000030, Z866090, AC003962, AF124523, AL022324, AL035457, AC006958, AC006101, AP001053, AC002054, AC005261, AL032821, AC004662, AC006079, AC005911, AL031672, AC006486, AL049694, AL009181, AC008018, AC008132, AL109798, AC002554, AC006511, AC001558, AC006077, AP000066, AC004814, AL022326, AC004590, Z99716, Z46773, U62293, AC004797, AL117694, AL008635, AL133244, AC006120, AL049832, AC006239, AC010200, AC006315, AC004253, AC006115, AC010205, AC016025, Z83826, AC005015, AL008725, U91323, AC003071, AL031003, AC008372, AC006116, AC006530, AC012330, AC006111, AL031984, AF001550, AP000151, AC005537, AL031733, AC005914	H48009, R79892
840	HCRPH69	874998	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

			the general formula of a-b, where a is any integer between 1 to 475 of SEQ ID NO:840, b is an integer of 15 to 489, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:840, and where b is greater than or equal to a + 14.	
841	HWLWX8	874999	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:841, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:841, and where b is greater than or equal to a + 14.	AA089855, H30455, AA954657, AA455419
842	HKLAA30	875001	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:842, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:842, and where b is greater than or equal to a + 14.	AA748900, AA2283705, HS6582, AC007436, AC006581
843	HWLW5 9	875002	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

			the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:843, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:843, and where b is greater than or equal to a + 14.	M94132, L21998
844	HWLJN18	875003	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 557 of SEQ ID NO:844, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:844, and where b is greater than or equal to a + 14.	
845	HCR0H01	875004	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 664 of SEQ ID NO:845, b is an integer of 15 to 678, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:845, and where b is greater than or equal to a + 14.	AA564247
846	HCRPJ81	875005	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	H50674, AC004067

		the general formula of a-b, where a is any integer between 1 to 338 of SEQ ID NO:846, b is an integer of 15 to 352, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:846, and where b is greater than or equal to a + 14.	AI884928, AW299727, AW204926, AA933627, AI471959, AI860951, AA648384, AI674548, AW134703, AI817454, AI741288, AI801449, AW207053, AI927200, N70264, AI283846, AI360406, AI969837, AI359870, W57964, W57938, AI471951, AI928115, W79288, AI023464, AI824946, AA242781, AI479588, AI962494, AI246231, AA778582, AI094509, AI248982, AI093921, AA255447, AA242806, AA806316, AA962783, AI086106, AW440004, AI867514, AA143002, R15486, AA256554, AA029757, AA973189, H01787, AA142852, AI277037, AA913805, AA581087, AI991436, AI766737, H01038, AI918290, N90613, AA758159, C00431, AA910879, AI640375, AI536574, AI571966, AW131402, AI553645, AW044561, AI565145, AF114436
847	HETGS43	875007	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 876 of SEQ ID NO:847, b is an integer of 15 to 890, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:847, and where b is greater than or equal to a + 14.
848	HWLRS46	875008	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:848, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:848, and where b is greater than or equal to a + 14.

849	HWLRS57	875009	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:849, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:849, and where b is greater than or equal to a + 14.	AW182141, AI580971, AA912442
850	HUSJ081	875011	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:850, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:850, and where b is greater than or equal to a + 14.	AA887099, AA811742, AA527224, AA664284, AA315189, AA579403, AA846897, AI191233, W74477, AA846202, AA502502, AA314045, AA491654, AI707878, AA471090, AA397403, AA469287, AA507237, AI187101, AI332339, AA740204, AA747396, AA569585, F33217, AA654805, AA652514, AI879915, AA315986, AA525507, AA962834, AW020084, AB843742, AI969937, AA721769, AA729169, AA810361, AA843123, AA730331, W79076, AI334127, AA501492, AA493224, AW131319, AI185103, F32833, F25780, AI417031, AW081520, AW206794, AA516066, AA888378, AA102467, AL036301, W78097, AI355759, AA730608, AA657526, AI034125, AI433771, AI352442, AA993338, AI884979, AA569691, W79152, T27891, AA622677, AI708173, F30746, AA308473, AA843127, AA631879, AA243966, F33379, AA522595, AI817632, F24361, AI193696, AA244028, AA873154, AI735569, AA730517, F32900, AA747465, AA603382, AA649606, F20380, F32901, AA978146, F33416, F20454, AI422591, AA730660, AI290773, F25407, F33089, AI041257, AA888718, F33284, AA469367, AI762793, AI051903, AW022287, AA701472, AA614516, AA894458, R48278, AI749215, AA092308, AA384856,

		AA661946, F24070, AA541339, AA527626, R67767, F28009, AA740414, F21192, W02119, AA952978, F24293, N49678, F24612, AA527023, AA661512, F26558, AA541405, AI370965, AA995994, F34656, F18978, AI784087, AA325055, F26390, F37173, F35326, H88230, AI382368, F26165, AA890396, AA888357, AA522939, AA888273, AA385626, AI914990, AA662042, AA491592, AA649785, AA316500, F29972, F35844, H88231, AA639235, F31361, R48379, AA385380, AA729429, F28993, F24793, AA934536, AA559163, F29465, F35400, AA886837, F35383, AA658963, AI601217, F24186, AA664743, AA923674, N49780, F26281, AA9333765, W32580, AA557502, AI919403, AA725198, AA580198, F29893, F35017, F26112, F29998, N88323, AA321318, AA999841, AA888348, AA887167, AA369038, F26491, AA355062, AA355061, F23510, T57396, F33201, AA523070, AA888349, AA363191, R96395, D20270, AI140448, T57332, AI383931, AA372960, F33956, AI735315, AA365118, F25283, F31096, N76644, AI000851, R57767, AA701577, AA680408, AI708904, AA701566, R96352, F26735, AW103366, T79616, AA705672, AI597752, AW150141, AA973003, AA659871, AA093673, H68818, T73331, AI473263, T73398, H54271, T79701, AA548584, H54272, F23543, N88025, AA659382, F36460, AA093536, N54563, N84370, AA327776, F30219, AA996251, AI391584, F30193, M22348, M26700, M26704, M26730, M26707, M26701, M26706, M37387	AA757114, AA758166, AA758973, AP000077, AC005011
851	HCRPF66	875017	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 369 of SEQ ID NO:851, b is an integer of

		15 to 383, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:851, and where b is greater than or equal to a + 14.	D62892, D62760, D79755, AW444744, AW235233
852	HRMAF73	875018	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 630 of SEQ ID NO:852, b is an integer of 15 to 644, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:852, and where b is greater than or equal to a + 14.
853	HMSMR90	875019	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 513 of SEQ ID NO:853, b is an integer of 15 to 527, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:853, and where b is greater than or equal to a + 14.
854	HWLQM6	875020	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:854, b is an integer of 6
			AI949749, AW290908, AI459004, N33144, AA380990

		15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:854, and where b is greater than or equal to a + 14.	
855	HCRON47	875024	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:855, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:855, and where b is greater than or equal to a + 14.
856	HWL RV45	875025	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1418 of SEQ ID NO:856, b is an integer of 15 to 1432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:856, and where b is greater than or equal to a + 14.
857	HFGAB06	875027	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1126 of SEQ ID NO:857, b is an integer of

			15 to 1140, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:857, and where b is greater than or equal to a + 14.	
838	HWLVA35	875029	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:858, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:858, and where b is greater than or equal to a + 14.	AI935827, AW407220, AI720141, AA533138, AI934307, AA669840, AI246796, AI298710, AA311535, AI690379, AA599712, AI860423, AW275432, AI984168, AW270768, AI761677, AA581463, AW191886, AI064864, AA661583, AI291037, AI135761, AW270619, AA525753, C14614, AA502103, AA669238, AA904275, AW272815, AI038990, AI224583, AW419201, AA804726, F29968, AI798521, AI803809, AW272389, AW131001, W04238, AA584765, AA581903, AI150934, AL040054, AI004591, AA365586, AI696793, AA657835, AI609984, AI291268, AI291124, AL043719, AI379719, AW277196, AA653291, AI791659, AI797998, AI471481, AA655005, AL046409, AI028510, AW157005, AI571094, AW029038, AI915081, AA595661, H90845, AI587583, A1587565, AI610012, AI036282, AW008184, AA491814, AW020094, AF644090, AI039257, AI061313, AW151247, FC2412, AI083998, AA992126, AA584493, AI609974, AI041894, AW074022, AW021399, AW151761, AI446464, AW162049, AA610381, AA425924, AW342042, AI929531, AF015416, AF190465, AC005102, AL021707, AC003667, AC004966, AP000116, AL009181, AC002477, Z83840, AB023048, Z96074, Z93017, AC005180, AP000309, AC005225, AL031321, AC003043, Z86090, AC004000, AC004797, AI049712, AC005399, AP00697, AC006125, AC004448, AL008726, AC005527, AC007151, AC004841, AC002996, AC006101, AC003070, AL096791, AC004263, AC007676, AL022326, AC005250, AC005703, AL033392,

	AP000048, AP0000501, AC006953, AJ011930, AL022327, AL035587, U78027, AC009516, AC005913, AL133448, AC004150, AL031602, AD000092, AC005529, AL023575, AC005358, AC006241, AL121603, AP000947, Z97876, AC006449, L78810, AC006254, AC006956, AC007225, Z82176, AC003102, AC005776, AC005484, AC018769, AC018767, U91321, AC005696, AC002316, AC007842, AC005839, AP001054, AC005940, AL031774, AC005971, AL021918, AC005740, AP000326, U52111, AC002073, AL049757, AC016026, AC004856, AC005921, U85195, AC004910, AL022320, AC008134, AL117329, AP000356, AL035086, AC005081, AL121655, AL023882, U52112, AC005048, AC004254, AL008718, AL109798, AC006597, AP000054, AP000169, Z98752, AC005668, AC016027, Z98051, AC005207, AE000658, AL035684, AC005251, AP000556, AC005632, AC005280, AC006530, AC005778, AC002563, AC007057, AC005841, AC004821, Z82195, AC005914, AC006121, AL117258, AC002312, AC002314, AC005082, AC006251, AD000812, AC018633, AL031311, AP000557, AC006441, AP000692, AC008018, AC007546, AL049874, AC002126, AF165926, Z95113, AC009247, AC005808, AL022237, X62355, AL033527, AC004854, AL049776, AC005031, AC004531, AC004814, AL049636, AP000552, U91326, AL049766, AC005015, AL022238, AC005412, AC006001, AC004963, AC007536, AF196779, AC007051, AP000502, AC004895, AC004922, AP000122, Z99943, AC006211, AP000500, AC010077, AC002544, AC016830, AC004913, AC004950, AP001068, AC007919, AC006511, AC004655, AL035659, AL022336, AC008085, AC005244, AC002504, Z93244, AC004835, AC004882, AC005553, AC016831, AF001548, AC006137, AL136295, AC003042, AL021808, AC005924, AC004084,
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			AC005701, Z97056, AL049830, AL031427, U80017, AC007688, AC020663, AL049794, AC004466, AC004659, AC007686, AC005899, AC004815, AL035400, D87675, AC005361, AL031255, AC003685, AL035681, AC003665, AC006539, AC006076, AC007510, AL031447, AC005566, Z83822, AL035072, AC006468, AC005215, AL117339, AP000353, AC002546, AP000518, AC005874, AF134471, AC005191, AF207550, AC006132, AL035420, AF109907, AL133312, AL034549, AC004890, Z98950, AC005520, AP000348, AC007381, AC004804, AL021393, AC008101, D25754	
859	HCRPQ86	875032	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:859, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:859, and where b is greater than or equal to a + 14.	AB014528
860	HCROZ20	875034	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:860, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:860, and where b is greater than or equal to a + 14.	AA631915, AI590404, AA632355, H47461, AI821342, AI798521, AI049999, AI003068, AI860423, AI342863, T03613, AI003391, AI350189, W02419, AI434103, AI076729, AA828840, C75332, AI813920, AI884404, AI828721, AA551548, AA630476, AI157876, AI039257, AI285493, AI567676, T10218, AW021674, AI572680, AA814719, AA598608, AW403177, AW440495, AW023975, H86399, AA468458, AI281622, AI183392, AW021847, AA197089, AA636077, AW131394, AA748071, AI571094, T03928, AI570067, AI242236, AA167656, AI744963, AI167715, AI280566, AI889177, AI312614,

	AI254267, AA330549, AI370470, AA507623, AA847341, AW151848, R33588, AA937402, AW239465, AA694596, AI520984, AA019793, AI049845, AA558402, AA558716, AA129000, AI251024, AA470490, AL047405, AA135761, AW028376, M77888, AI733523, AI065031, T34066, N49298, AA493245, AA299221, AW272513, AI423034, AI419419, AA152398, AA493546, AI215720, AI37687, AA663579, AI860648, AI590111, AA629668, AI640905, AI708108, AI623364, AW152451, AA594090, F35684, H63173, AI221027, AA640104, W58735, AA587835, AA773560, W45215, AA533660, AA425283, AI446574, AA127048, AA126969, AA984891, AA635150, AI002861, AA523718, AI803824, AI802268, AI031759, AA084439, AI345256, AA362670, AI285651, N35135, AA595661, AI754926, AI753131, AI1819419, AW020612, AA525156, AA467740, AI1267285, AA600863, AI275631, AI354377, AW149241, AI749823, AI926876, AI143653, AI138262, AA127021, AW238242, AI702049, AI003474, AA046906, H29593, AI445699, AW157128, AI358505, AW069769, AF111167, AL132992, AL009179, AC002350, AC004999, AL034420, AC005575, AC005041, AP000133, AP000211, AC005632, AL035086, AC004887, AL035587, AC005821, AC005225, AC007055, AC003098, AC005920, AL031287, AL035089, AC004041, AC005105, AC005913, AL031670, AL080243, AC007686, AC003007, AP000556, AP000557, AC006285, AC006312, AC005071, AL137100, AL020997, AC006530, AC002430, AC004756, AC006468, AL121658, AC009516, AC007384, AC005015, AC005037, AC003013, AC007207, AC005033, AB023049, L47222, L44140, AP001053, AF052041, AJ011930, AF200465, AL009181, AC007227, AL034548, AC006057,
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		AC004967, AC005514, Z85987, AC005695, AF095725, AC004386, AL049780, AC005089, AD000092, AC005480, AC006544, AC006539, AL031622, AL031296, K00650, AP000514, AC004263, AC008372, Z93017, AC005971, AC004783, L47229, U07561, AC002310, AF045555, AC005031, AL096791, AF019413, Z83820, AL021579, AC003080, Z85986, AL031767, AC003689, AC005972, AC004890, AC005562, L47227, AC005488, Z98044, AC004242, AC002558, AC004125, AP000512, Z92542, AC005412, AL021707, AC009399, AL049562, AC005914, AC005244, AC006511, AL049776, AL022163, AF053356, L81394, AC009247, AC000025, AC006013, Z96182, AL139054, AE000658, L47223, AC005837, AL033376, AL031432, AL022332, Z83844, AL079342, AC004804, AC004997, Z93241, Z96074, Z93023, U62317, AC002312, AC006139, AC005726, AL031848, AC005102, U85195, AC005911, AC006600, AC004812, AC004024, AC005585, AF001549, AC003684, AC004605, AL109984, AC005753, AL021546, AC005841, AC006441, AP000563, Z73420, U65896, Z95329, AC007066, AC007263, U80017, AL022476, Z82182, AP00289, AC005300, AC002316, AL049759, AC005081, AC005231, AL031281, AP000442, AP000110, AC005372, AF191214, AC006077, AB014079, AC002468, AP000555, AP000689, U62292, AL024474, AC003086, AC004851, AC002464, AC004844, AL035466, AC002110, AL022336, AL031121, AC009248, Z97056, AL049869, AC006014, AC007298, AC002306, AL096801, AC005058, AC006160, AF111169, AC002105, AL008716, AP000348, AC006958, AC006211, AC005907, AC002477, AB017602, AC005703, AC004183, AC006466, AC004534, AL110280, AC006261, AC006255, AL021878, AC004771, AL034421, AC001231, AP000553, AC004025, AC003037,
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			AL049694, AC001228, Z83846, AP000359, AC006137, AD000812, AC010205, AL022162, Z92544, U96629, AC005256, AC007277, AC003982, AL136130, AF075069, AC005899, AL031685, AC005754, AL022311, AL080239, AC005871	AW051333, AA622259, AA954795, AA991784, AW025872, AI858715, AA181808, W42832, AI684307, AI634803, AA251829, AA262291, AA565240, AI309202, W42742, AW169519, AI376261, D63093, AI911554, AF132963, AF088034
861	HFPKD18	875035	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 650 of SEQ ID NO:861, b is an integer of 15 to 664, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:861, and where b is greater than or equal to a + 14.	AA056144, AA057099, AA058794
862	HCROSS59	875036	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 789 of SEQ ID NO:862, b is an integer of 15 to 803, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:862, and where b is greater than or equal to a + 14.	AI655430, AI867415, AI341310, AW365679, AA300470
863	HCROR65	875037	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:863, b is an integer of	

			15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:863, and where b is greater than or equal to a + 14.	
864	HZAAD77	875038	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 493 of SEQ ID NO:864, b is an integer of 15 to 507, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:864, and where b is greater than or equal to a + 14.</p> <p>15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:863, and where b is greater than or equal to a + 14.</p>	N52760, AI128899, AI768926, AI744603, AI564516, AI088130, AI091999, AI126743, AI440521, AI309616, AI091062, AA505739, W58101, AI659933, AA703194, AW243135, W95022, AI633095, AA911079, AA935333, W933338, AA455097, AA894538, AA455075, N94437, AI094481, AI040514, N57581, AI674591, AI185938, AI340225, AI340227, AI375245, AI247839, R42767, H93246, AI830468, H93118, AA938302, AI140721, H87458, AI468684, AI268066, AW177625, AI032772, AA699860, AW449815, AA835970, AA211073, AA738097, AL042853, AI821062, AA653459, AL042753, AL049003, AI242505, AL138455, AL035847, W79740, AI640370, AI261589, AL120307, AI619665, AW089495, AI890887, AW243619, AA766268, AI687568, AI042440, AI493858, AI110402, AI684762, AI360195, AI047763, AI954721, AI673236, AI370322, AI440444, AI559752, AI539545, AI582871, AI570389, AA857969, AI677797, AI036638, AI089811, AI648699, AI471898, AI491842, AI499570, AW160916, AI584118, AW188390, AW029457, AI872072, AI580694, AI619691, AW148882, AI926593, AI628214, AI866573, AI446829, AW166561, AW104767, AI801536, AI918677, AI686690, AW026618, AI890051, AI590830, AI401697, AI355277, AW406745, AI804842, AI554283, AI572019, AI689096, AI886055, AI539541, AI885905, AI690813, AW089844, AI829977, AI648684, AI937869, AI610671, AL040528, AI452857, AI537516, AI434731, AW151451, AL040449,

		<p>AI224373, AI624475, AI590423, AW149219,      AW084896, AI610318, AA587120, AL042694,      AI590468, AI673140, AI628325, AW152195,      AI784230, AA937566, AI539260, AI963212,      AI274527, AI696583, AW105588, AI356470,      AW021662, AI434656, AI565172, AI758942,      AI345253, AF162270, AC006203, D83989, AC004213,      AC000052, AC005902, AC006115, AP000130,      AP000208, AP000247, AL031281, AC005156,      AC002472, AL096776, AL035407, AL032822,      AC004383, AC018767, L30117, AC006288, L78810,      Z83840, AC006112, AC010077, AC009501, AL049557,      AL035587, AC006336, AL021393, AC005886,      AC002464, AC004989, AC007114, AL033521,      AC006013, AC005411, AC004686, AC002564,      AC004987, AC006501, AP000344, AL031274,      AC005968, AL021391, AL034417, AF042090,      AP000020, Z49258, AC007172, AC004837, AC007056,      AC004485, AC009233, AC005291, Z98036, AL080239,      U66059, AC004690, AC002531, AC000053, AC005048,      U95739, AC005057, AP000458, AC007390, AL122021,      AL079340, AL022147, AL030998, AL031295,      AC004822, AC006222, AC009286, U89335, AC007392,      AC007298, AC006371, AC002060, AC002086</p>	
865	HCRPA12	875042	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 290 of SEQ ID NO:865, b is an integer of 15 to 304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:865, and where b is greater than or equal to a + 14.

866	HMEKZ86	875044	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1697 of SEQ ID NO:866, b is an integer of 15 to 1711, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:866, and where b is greater than or equal to a + 14.	AI379902, AI693726, N32566, AA994526, AW001744, AA629877, AI684883, AI052478, AI042114, AI080764, AA873011, N41907, W15500, AA993164, AI806284, AW241737, N89990, AA775897, AI381270, AA731618, AW450940, W19733, AI224466, AW183232
867	HCRPR27	875045	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:867, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:867, and where b is greater than or equal to a + 14.	AA393556, AA985381, AA757760, R25555, AA448483, F07499, AA526749, AI278605, AI344371, AI276855, AF002223, AL096711, AL109758, AL031599, AP000696, AC0005908, AC007051, AC007919, AF069291, AF117829, AC002067, AC004413, AL023655, AC006296, AC006952, AC006249, AC008929, AC007677, AC007363, AC002457, AC006559, AC005518, AC007395, Z822201, AC006036, AF130342, AL050317, AC005048, AF0227598, AC004079, AC005477, AC005045, AL021939, AC004998, Z82899, AC004087, Z68273, AL021069, AL109854, AP000694, AL034451, AC004659, AC009294, AC005015, AC011362, AL023713
868	HCRPQ46	875046	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 308 of SEQ ID NO:868, b is an integer of 15 to 322, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:868, and where b is greater than	AC007429

869	HCRPN09	875047	or equal to a + 14.
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 223 of SEQ ID NO:869, b is an integer of 15 to 237, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:869, and where b is greater than or equal to a + 14.
870	HCRPK03	875048	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:870, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:870, and where b is greater than or equal to a + 14.
871	HWLHY62	875049	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1158 of SEQ ID NO:871, b is an integer of 15 to 1172, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:871, and where b is greater than

872	H2CBP44	875053	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:872, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:872, and where b is greater than or equal to a + 14.
873	HCROW75	875055	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 450 of SEQ ID NO:873, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:873, and where b is greater than or equal to a + 14.
874	HCROW65	875056	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 74 of SEQ ID NO:874, b is an integer of 15 to 88, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:874, and where b is greater than

875	HPJCF45	875058	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 603 of SEQ ID NO:875, b is an integer of 15 to 617, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:875, and where b is greater than or equal to a + 14.
876	HCRON87	875059	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 281 of SEQ ID NO:876, b is an integer of 15 to 295, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:876, and where b is greater than or equal to a + 14.
877	HIBEL82	875060	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 638 of SEQ ID NO:877, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:877, and where b is greater than

			or equal to a + 14.	
878	HCRPE83	875061	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of SEQ ID NO:878, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:878, and where b is greater than or equal to a + 14.	AI024672, AA679591, AI248626, AA887646, AF061056, AF084644, AF084645, AJ009937, AJ009936
879	HWLUQ22	875062	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 356 of SEQ ID NO:879, b is an integer of 15 to 370, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:879, and where b is greater than or equal to a + 14.	AI024672, AA679591, AI248626, AA887646, AF061056, AF084644, AF084645, AJ009937, AJ009936
880	HCRPE63	875063	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 312 of SEQ ID NO:880, b is an integer of 15 to 326, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:880, and where b is greater than	

			or equal to a + 14.	
881	HCRPE76	875066	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1301 of SEQ ID NO:881, b is an integer of 15 to 1315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:881, and where b is greater than or equal to a + 14.	AW247760, H50138, AW368519, AA034259, AW246118, H49747, AW386985, AA325542, N79882, AA188766, W03099, AW206894, N72410, AN312511, AI880128, AI376296, AI075368, AA630709, AI769052, AA465622, AA536173, F27400, F37312, AA054418, AI124662, R19514, AF195951, X53744
882	HCRPE44	875067	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 974 of SEQ ID NO:882, b is an integer of 15 to 988, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:882, and where b is greater than or equal to a + 14.	R24767, W23171
883	HCRPE34	875068	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of SEQ ID NO:883, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:883, and where b is greater than	

			or equal to a + 14.	
884	HE8QV20	875070	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:884, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:884, and where b is greater than or equal to a + 14.	AA047308, R14147, AF089107, AF151354, AF104923, AF118270, AF156489, AC004851, AR048209
885	HBTBQ89	875076	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 851 of SEQ ID NO:885, b is an integer of 15 to 865, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:885, and where b is greater than or equal to a + 14.	AA399613, F11248, Z42117, AA082253, F05395, T35421, AB007925
886	HFAAD07	875080	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 992 of SEQ ID NO:886, b is an integer of 15 to 1006, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:886, and where b is greater than	AI887753, AI702451, AA548464, AI978680, AA071156, AA191693, AI797896, AI826052, AA041342, T62575, AW014334, AA197202, AI084270, AW375498, AA188647, AA602203, H20737, H10377, T63199, R71297, AI829554, T62541, AI659397, R40856, AI868867, AI810306, T62616, AA602213, AI701277, AI221666, AA070862, AA860281, AA191265, D25992, AW363933, AI217112, AA528408, AI633390, AI199435, AB029036, AJ132948, AF119043, AL035410

887	H2LAY41	875081	<p>or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 588 of SEQ ID NO:887, b is an integer of 15 to 602, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:887, and where b is greater than or equal to a + 14.</p> <p>AA315818, AA369878, AA191232, D58283, D80043, C14331, D80022, D59610, D59859, D80188, D80166, D80195, D50979, D81030, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D59787, D80227, D59502, D80212, C14389, D80196, D80219, D59467, D57483, D59927, D80269, D80241, D80366, D80038, C15076, D59889, D80193, D50995, D80024, AA305409, C14429, D80378, D80045, T03269, AW178893, D51060, C75259, C14014, D51022, AW179328, AW178775, D80134, D80522, D52291, D81026, AW177440, AA305578, AW378532, D51250, AW352158, F13647, AW369651, D80168, D80251, D58253, D80248, AW178762, AA514188, C14227, Z21582, D81111, D80133, C14407, AW177501, A1910186, AW177511, AA514186, AW360811, C14298, D80064, AW378540, A1905856, C05695, AW352117, AW176467, AW375405, D80132, AW377671, D80268, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW179024, D80247, AA285331, AW360834, D51097, AW352170, AW179020, D80302, AW177456, AW352171, AW377676, D80439, AI557751, AW178906, AW177731, AW177505, AW178907, AW178754, AW179019, D59373, T11417, AW178980, AW360841, AW178909, AW179004, AW179329, AW179012, AW177733, AW378528, AW179007, AW178908, AW179018, AW178971, AW179220, AW177714, AW352174, C14077, AW178914, AW378525, D51103, AW367967, D80014, D80157, AW177722, AW178983, AW177728, D51759, AW352120, AW179009, AW178774, AW178781, AW178911, AW378543, AW352163, D58246, T031116, D59503, T48593, C06015, D58101, D59627, D80258, AI557774, AW177723, D59653, H67866, D45260, C14975, AI535850, T02974, AW378533, AW378539, C03092,</p>

		AA809122, AW1367950, D51213, AW178986, D51231, H67854, AW177508, D60010, AW177497, AI525923, C14344, AW177734, D45273, AI525917, D59317, C14973, AI525235, D51221, D59474, C14046, AI535961, C14957, AI525920, AA514184, AI535686, D59551, AI525227, C16955, H67858, D60214, T03048, AW179013, AW178759, Z33452, AI525912, AI525242, AW378542, AI525925, AI525215, C05763, AI525222, Y15908, Y15909, AJ132110, A62300, AB4916, A62298, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, AF058696, AR008278, AB028859, D88547, X82626, AR025207, Y12724, AB012117, Z86061, AR066482, A82595, X68127, A94995, A85396, AR060385, A44171, AB002449, AR008443, A85477, I19525, A86792, AR016808, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR054175, A30438, I18367, D88507, I14842, D50010, Y17187, AF135125, A70867, A63261, AR008277, AR008281, AR008408, AR062872, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, I79511, AR064240, U87247, AB023656, U79457, AF123263, AR032065, X93535, AR008382	W22252, T23206, AL031673, AL049942
888	HDPIG12	875088	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:888, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

			NO : 888, and where b is greater than or equal to a + 14.	
889	HMVCZ67	875092	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 373 of SEQ ID NO:889, b is an integer of 15 to 387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:889, and where b is greater than or equal to a + 14.	D63997
890	HWLRF06	875093	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 371 of SEQ ID NO:890, b is an integer of 15 to 385, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:890, and where b is greater than or equal to a + 14.	AA385073, AL042522, AC004696, AC007228, AC004696
891	HTNBJ90	875094	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:891, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	

892	HWLUZ75	875099	NO:891, and where b is greater than or equal to a + 14.	
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 322 of SEQ ID NO:892, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:892, and where b is greater than or equal to a + 14.	
893	HDTBD43	875100	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1541 of SEQ ID NO:893, b is an integer of 15 to 1555, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:893, and where b is greater than or equal to a + 14.	AI119376, AL119432, AL119400 AI125852, AW242884, AA287541, AI861888, AW273349, AI653868, AI291447, AI273656, AA259012, AA768384, AW168996, AA971763, H98861, AI673304, AA812179, AA768837, AI969035, R70005, AW194279, AW194169, AA811579, AA224362, AA502756, AI824504, AI698788, AW016752, AI669850, AW087456, AA3326934, AA326933, AA3361600, AC006291, AC005188, AF028722
894	HWLUG07	875101	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:894, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:894, and where b is greater than or equal to a + 14.	AA768384, AI861888, AI291447, AI653868, AW273349, AI273656, AW242884, AW168996, AA971763, AI673304, R70005, AA768837, AI969035, AA812179, AW194169, AA811579, AA224362, AA502756, AI824504, AW016752, AI698788, AI669850, AA361600, AL119457, AL119399, AL119324, AL042968, AL042973, AL119443, U46341, AW392670, AW372827, Z99396, AL134920, AW363220, AW384394, U46349, AL119444, AL042965, AL119363, AL119319, U46351, AL119497,

		NO:894, and where b is greater than or equal to a + 14.	AL042850, U46350, AL119464, AL119483, AL119484, AL119341, AL119391, AL119355, AA224099, U46347, AL119496, AL119418, U46346, AL042978, AL119335, AL037205, AL119522, AL119396, AL119439, AL134528, AL134518, AL079687, AF028722, AR060234, AC005188, A81671, AR066494, AC006291, AB026436, AR054110, AR069079
895	HCRPV30	875102	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 144 of SEQ ID NO:895, b is an integer of 15 to 158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:895, and where b is greater than or equal to a + 14.
896	HTPHV54	875103	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 319 of SEQ ID NO:896, b is an integer of 15 to 333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:896, and where b is greater than or equal to a + 14.
897	HWLMLY3	875105	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

			is any integer between 1 to 682 of SEQ ID NO:897, b is an integer of 15 to 696, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:897, and where b is greater than or equal to a + 14.	R12155, AC005971
898	HTTFJ81	875106	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:898, b is an integer of 15 to 450, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:898, and where b is greater than or equal to a + 14.	
899	HDPCC41	875110	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 813 of SEQ ID NO:899, b is an integer of 15 to 827, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:899, and where b is greater than or equal to a + 14.	AA639560, 257050
900	HINAA28	875113	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AW089799, AI338829, AI382007, AI084708, AI382947, T19791, AL044125, AL134524, AL041347, AL040193, AL043496, AL044162, AL041324, AL043538, AL040621, AL041098, AL047012, AL040463, AL047219, AL040322,

		<p>is any integer between 1 to 741 of SEQ ID NO:900, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:900, and where b is greater than or equal to a + 14.</p>	<p>AL041133, AL041238, AL040625, AL040510, AL040119, AL043467, AL044186, AL044037, AL040617, AL045684, AL043677, AL040839, AL041752, AL043492, AL041602, AL037436, AL038838, AL041168, AL044074, AL041635, AL040294, AL041730, AL041523, AL043627, AL037443, AL041374, AL043845, AL044064, AL044272, AL038983, AL043923, AL043814, AL043848, AL037435, AL041459, AL043570, AL037343, AL040052, AL041577, AL046850, AL038532, AL040768, AL037727, AL044258, AL040464, AL046994, AL047183, AL046914, AL047057, AI142134, AL046442, AL045328, AL037335, AL042898, AL039316, AL047163, AL045671, AL046392, AL040472, AI547295, AL079852, AL043941, AL037295, AL048714, AL045327, AI318479, D29033, AR064707, AR066494, A93923</p>	H66884, W52415, H66877	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 645 of SEQ ID NO:901, b is an integer of 15 to 659, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:901, and where b is greater than or equal to a + 14.</p>	AA593112, AI695197, AI744009, AC004132
901	HTEBS63	875114				
902	HCROK18	875115				

		SEQ ID NO:902, b is an integer of 15 to 597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:902, and where b is greater than or equal to a + 14.	
903	HCROK31	875118	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:903, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:903, and where b is greater than or equal to a + 14.
904	HCROE24	875121	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:904, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:904, and where b is greater than or equal to a + 14.
905	H2CBN19	875123	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 713 of
			AI801795, AA307808, AW028846, AI620590, AW088677, AA741431, X51698, AR019336, U47289, X97790, U47292, X97793, X97791, U47290, U47291, X97792, AR019344, AR019345

		SEQ ID NO:905, b is an integer of 15 to 727, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:905, and where b is greater than or equal to a + 14.	N54214, M85613, AB001633
906	HDTLM04	875124	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 764 of SEQ ID NO:906, b is an integer of 15 to 778, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:906, and where b is greater than or equal to a + 14.
907	HOCTE49	875125	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:907, b is an integer of 15 to 569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:907, and where b is greater than or equal to a + 14.

AA743462, AW029490, AI309109, AI990569, AI969654, AI791482, AI732527, AA506672, AI732529, AA506404, AI791315, AI791317, AI886055, AI783569, AW151136, AL039011, AI872423, AI678446, AI344826, AI345415, AW194014, AW022636, AI933992, AI571699, AI565172, AI473451, AW055252, AI961589, AI631216, AW163834, AI638644, AI041734, AI345347, AW071417, AW089844, AA814451, AI648699, AI620639, AW089275, AW129979, AW084097, AI364639, R20540, AI434422, AI333104, AW166937, AI679550, AW082532, AI699020, AA743430, AI873638, AW023338, AA908294, AI696583, AI421662, AI580027, AI918554, AI147292, AA225339, N25033, AI368579, AA830609, AI627714, AW409862, AI950729, T66952, N22276, AW409931, AI307557, AI345612, R65859, H89138, AI345416, AI439452, AI677797, AL045421,

		AI925164, N75779, AL121454, AI580674, AW162194, AI345688, AA916133, AI689614, AI917252, AI445611, AW169634, AI633061, AI439978, AI866691, AL138406, AI863665, AA580663, AI690813, AI583578, AL037558, AI566430, AI538885, AI698391, AW129264, AI240602, AW265004, AL040558, AI890391, AI539462, AW166583, AI567302, AW163554, AI538085, AW081383, H42557, AI270039, AI348777, AW023859, AW327325, AI572096, AI627893, AI274508, R39624, AI335426, AW083572, AI309306, AI586931, AL047756, AW170773, AI784028, AI128239, AI590134, AW058233, AI799540, AI884318, AI630928, AI349742, AL041150, AI690411, AI273899, AW161892, AW008085, AI349958, F37409, R75918, AL038716, AW083168, AI927233, AI267185, AI254731, AI590415, AI865880, AI869377, AA494167, AI274655, AI699211, AI446721, AW105087, AA504514, AW054939, AI590624, AI634467, AI114703, AW080076, AW080700, AA765656, AI610714, AI365256, AI819522, AA999906, AI890507, AI345417, AI470717, R41605, AI368691, AW366372, AW084353, AW073994, AW080326, AI653402, AI119791, AW166861, AA983883, AI610645, AW161202, AI491904, AI658566, AL036705, AI468872, AA761557, AL036187, AI888665, F34030, AW090387, AI251221, AW169213, AI469270, AI433611, AW023871, AI434731, N27632, AN769697, AI561177, AI918376, AI620864, AI584130, AI955945, AA808175, AI250646, AI684244, AI135517, AI284131, AI952145, AI830187, AI538850, AI345608, AW168700, AW025279, AL120307, H41759, AI370623, AW081866, AL036673, AI890628, AI382313, AI564749, AI338427, AI079226, AI446536, AA835966, AI539260, AW085370, AW044367,
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	AW050725, AI566399, AI095003, AI355779, AI925680, AI40239, W38553, AI653829, AI378123, AI566670, AI144071, AI889953, AI699823, AI282930, AI802542, AI583567, AI740623, AW029457, AI345471, AI656270, AI679266, AF154840, Z49258, AF145233, AB007812, AL137478, AF114170, AF061573, AF067728, AF008439, AL133067, AF017437, U72621, E01314, AC002471, I89947, AL117587, AF146568, S53987, AL117432, AF032666, I66342, AL137550, AL117435, AF076464, X63162, AF118090, AL080074, X72889, AR020905, AF057300, U57352, AF057299, AL137527, AL078602, AL080124, AL137271, M86826, AF047716, AL133062, AF113689, AL122106, AF082324, AL117394, U76419, AL137538, AF169154, A07588, AJ238278, AL117460, M27260, AL133014, U42766, Z97214, X99257, AF179633, S77771, AL078630, X66862, AF055917, AR038854, A18777, Y11587, A77033, A77035, AF026124, Y09972, AF030513, AR034821, AL133565, X83508, AF113690, AJ131955, I48978, S82852, A08913, AF016271, A52563, E01614, E13364, AF107847, AC0044227, AF067790, AF100931, AF082526, L13297, D44497, AL137258, AL080139, AL049452, A08912, AL137267, A21103, A08910, A08911, A08907, AF113019, I89931, A08909, A86558, AL034400, AL080159, AF176651, AF112208, AF094480, AF124728, S83440, AL133010, E02221, AL137292, AL133560, I49625, S75997, A08908, AL035458, U90884, E12580, AL137533, S69407, S76508, AJ001838, AL050277, AL133640, AL034417, AF182215, AL133665, AF115410, E12747, I89934, AL117648, AL122110, X82434, A57389, X79812, A65341, AF038847, D89079, X70685, Z82022, I17544, AF106697, AF126488, Z37987, AL110221, AL117578, S68736, AL096728, X67813, AF102578, AJ012755, X96540, U49908, U88966, AF113694,
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		<p>AL049996, Y10823, Y13350, AL137530, I03321,        AF015958, AJ005690, AC006571, AF162270,        AL035587, AC004822, AL133088, AF017152,        AF036268, AL117440, U49434, AF044323, AF002672,        X00861, AL137476, AR068466, A15345, I79595,        AF002985, Y10655, AF100781, S36676, AL133080,        A27171, AL137665, Y00093, AR053103, X76228,        AF118094, AL109672, A65340, AL049382, AL080154,        AP000133, AP000030, AR059958, E15324, AC005048,        AF158248, U73682, AL137656, AL137273, U78525,        AL122121, AL133112, AL050366, AR011880, A70386,        S61953, E03348, AF065135, E03349, AF030165,        AF069506, AL117416, X52128, AP000250, E12579,        AL122045, AF199027, AL050143, AL122118,        AL080126, AL137641, AL137548, AL110280,        AF061943, S78214, AC004200, AF013214, X54971,        AL133054, AF111851, AL110296, AB025103, X89102,        AL137536, AL137711, AL137558, AL137547,        AF042090, X93328, AL050138, AL080129, AF201468,        U77594, I89944, AF077051</p>	AI733227, AA947235, AC007501.
908	HWLNR78	875126	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:908, b is an integer of 15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:908, and where b is greater than or equal to a + 14.
909	HCEDD96	875131	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

			the general formula of a-b, where a is any integer between 1 to 679 of SEQ ID NO:909, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:909, and where b is greater than or equal to a + 14.	N39147, R95955, AW105059, AA659637
910	HFFHS96	875133	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 357 of SEQ ID NO:910, b is an integer of 15 to 371, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:910, and where b is greater than or equal to a + 14.	H63042, AW245524, AW163472, N83553
911	HWLNO90	875134	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 670 of SEQ ID NO:911, b is an integer of 15 to 684, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:911, and where b is greater than or equal to a + 14.	AW022580, AA174155
912	HE2J022	875139	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

			the general formula of a-b, where a is any integer between 1 to 457 of SEQ ID NO:912, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:912, and where b is greater than or equal to a + 14.	AA305249, N29048, N40240, AW378532, AW179009, D59467, D80522, D51022, D59610, C14389, AW360855, D80366, D80043, D80251, D80133, D80253, D58283, D51060, D80241, D50979, D80188, D81026, D80391, D80248, D59787, D50995, D80166, D80196, D80269, D59859, D80045, D59275, D80022, C14331, D80195, D51423, D59619, D80210, D51799, D80164, D80240, D80227, D59502, D59927, D81030, D80212, AA305578, D80219, AW377671, AA305409, T11417, D80193, C15076, D57483, D80038, D59889, D80024, AA514188, AW360811, C14014, D80378, D80268, AW17440, AA514186, AW178983, D80439, C14429, AW178893, D80247, D80302, AW375405, D59373, T03269, R95448, C06015, F13647, AW179328, AW366296, C75259, AW360844, AW360817, AW375406, AW378534, AW178906, AW179332, AW377672, AW179023, AW178905, D51103, AW177505, AW177501, D80157, AW177511, C05695, AA555182, D51759, AW352171, D80132, AW377676, AW178762, AW352170, AW177731, AA724922, AW178907, AW378528, AW179019, AW179024, AI499588, AW360834, D58253, D80134, AW367967, D51250, AW176467, AW178775, AI491817, AW360841, T92347, D80014, AW369651, AW179020, AW178909, AA191659, AW177456, AW179329, AW178980, AW352158, AA425118, AW178914, AW177733, AW178908, AW178754, AW179018, T48593, AA838190, AW352117, AA579179, D59653, AA010299, AW238488, AI580250,
913	HCYBJ96	875143	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 590 of SEQ ID NO:913, b is an integer of 15 to 604, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:913, and where b is greater than or equal to a + 14.	

	AI031973, AA669564, AL119941, H09071, AI027459, AW179004, AA381011, AW178774, AW179012, AW378525, AW352120, AW352163, AI084294, AA630672, H82316, AW102846, AI420028, AL119713, C14227, AA101689, AW084466, AA669155, AI891080, T99179, AL080242, AR060138, AB028859, AC004386, AR008278, AL035699, A62298, AJ132110, AL033523, A84916, A62300, ARO18138, AF058696, Z82214, AC002054, AC005048, AC004087, AC005939, AC007298, AL096791, AC007664, AC008018, Z69715, AC006241, Z97196, AL034417, AL121658, AC004491, AC004031, AC005759, AC002564, Z99495, AP000039, AC006121, AC005993, AC005037, AC002416, AC006427, AC009411, AL034374, AL031281, A82595, AC005305, AC004756, AL032822, AC005880, AC006509, AC005488, AC004885, AC005803, AP000108, AC000364, AL031005, AC007308, AP000159, AC004858, AC005011, AL121603, AC004057, AC007537, AC005844, AL035587, AL049697, AL139054, AC004112, AL135744, AC018767, AC004652, AF095725, AL049745, L05367, AC005940, AC006313, AC005815, AJ229042, AL118497, AP000356, AC007556, AC002455, AC005587, AP000215, AL031671, AL049758, AR060385, Z94162, AC005224, X67155, AC005337, AC006466, AC005234, AC006014, Y17188, AC005242, AC009233, D26022, AC005144, A25909, AC006112, AP000030, AB002449, AC004242, Y12724, AB020861, U20476, AC003103, AP000555, AF067844, AC006840, Z98750, AP000281, AF027390, AL022170, AL033521, AC004686, AL049776, AB023054, AC005988, AL022240, Z84478, AC004543, AC005568, AL023577, AF109907, AC007955, A94995, AL109754, AC004595, D34614, AP000502, AL024498, Z98048, AC007193, AC006322, AC004194, AC004528, A67220, D89785, AC003030, A78862, AC002078, Z99716, AC008033,
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			Z80232, AC005972, AC002558, AL049565, AC005102, AC006571, AC004790, AL117694, AL049830, U61375, AJ010770, AL031466, AF045555, AC005091, AL035400, AC005280, AC002038, AC005081, AP000295, AC004972, AC007207, AC005548, AC002432, Z97054, AP000350, AC011504, AB020869, AF012654, X81001, AL035410, AB022430, AC005785, AP000745, AL031282, AC006208, AF001549, AC002528, Z93848, AL031670
914	HCQDV29	875144	<p>PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF A-B, WHERE A IS ANY INTEGER BETWEEN 1 TO 353 OF SEQ ID NO:914, B IS AN INTEGER OF 15 TO 367, WHERE BOTH A AND B CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:914, AND WHERE B IS GREATER THAN OR EQUAL TO A + 14.</p> <p>AL036180, AI133004, AI174946, AI133259, AI065079, AI207423, AI207597, AI064695, AI133218, AI133420, AI110646, AI064831, AI110645, AI133698, AA522946, AA160197, AA229530, Z98452, AA630934, AA468444, AI133099, AI064928, AI174665, AW073816, AL037870, AL037849, AL048198, AA886120, AI557077, AA524676, AA650324, C18017, AA490180, AA602274, AI061660, AA196337, AA130107, AA075016, AA075595, AL048429, AA502854, AI253444, AI114770, AA533954, AA081859, AI110815, AA429176, AI460015, AA081406, AI366551, AI717995, C18661, AA522591, AI366019, AI459473, AI525868, C18389, AI907036, C18379, AA075635, AA194553, AA523493, AW007608, C16892, AI253348, AA807804, AI560053, AA126340, AI833147, AI884494, AA525479, AA522587, AA878500, AA978232, AI832270, AA632775, AW438405, AA229483, AA223082, AA689249, AI366023, AI709394, AA541550, AA888285, AA745556, AA095476, AI832355, AA886596, AA486974, AA216175, AA602242, AA640469, AA654821, AI888487, AA149603, AA513233, AA635254, AI582341, AI064907, AA165016, AA659277, AA566024, AA640561, AA595864, AA091446, AI064797, AA193142, AA558762, AA224000, C18031, AA627260, AW238393, AA112897, AI653760, C18852,</p>

		<p>AA630170, C18231, AA594949, AW081962, AA148381,      AA630259, C17988, AA504683, AI133314, C17170,      AA496598, AA664578, AI720552, AA642163,      AI832732, AI832340, AA721533, AA659265,      AA522984, AW062515, AA091197, AA092811,      AW275829, AA669077, AI924211, AA094304,      AA197080, AI536118, AA293391, AA879049,      AA076526, AI750150, AW270021, AA248521,      AI459425, AA578589, AA093200, AA469406,      AA079089, AI124928, AI720986, AA247210,      AA887028, AW390463, AI064836, AI43498,      AA643797, AA486180, AA095860, AW385222,      AW188463, AA575977, AW390478, AI253310,      AW389679, AA492126, AI037048, AA095848,      AI635477, AI525065, AW377099, AA887030,      AA081861, AW176708, AI912529, AW238554,      AA610388, AA095651, AA886490, AA548849,      AA172233, AW004905, C14174, AI628930, AA485848,      AA618334, AI133289, AA715869, AA737110,      AA459176, AA533828, AA550932, AI880409,      AA093878, AI557565, AA492518, AA493969,      AI557197, AA530955, AI683207, AA098789,      AI000746, AI215649, AI720912, AA291026,      AA468098, AA526350, AI620571, AA845722,      AA879152, AI028073, AW149630, AA091047,      AA468404, AA089795, AW168232, AA650306,      AA285306, AA112030, AA729085, AW379318,      AW419429, AA493842, AW166013, AI766356,      AI204214, AA679857, AA095843, AI523371,      AA487595, AW238748, AA630251, AI557254,      AA225169, AI535913, AW361141, AI819696,      AW401887, AL036471, AA090461, X62996, X933334,      V00662, J01415, D38112, AF134583, S55589,      D38116, X93335, D38113, X93347, D38114, Y17171,      Y17179</p>	
915	HCRPQ66	875150	Preferrably excluded from the

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 272 of SEQ ID NO:915, $b$ is an integer of 15 to 286, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:915, and where $b$ is greater than or equal to $a + 14$ .	
916	HE9RN07	875151	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1046 of SEQ ID NO:916, $b$ is an integer of 15 to 1060, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:916, and where $b$ is greater than or equal to $a + 14$ .	AL120820, AL114879, AA305044, AA216697, E12227, T66356, W22473, AA477705, AF156488, AF176228, AF156487, AL035071, AF129267, AF129268, AF129269
917	HDQEJ55	875154	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 699 of SEQ ID NO:917, $b$ is an integer of 15 to 713, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:917, and where $b$ is greater than or equal to $a + 14$ .	AA315836, AA436804, AI609528, AI358912, AI813498, AI094843, AI361926, AI123843, AI744918
918	HCYBJ95	875156	Preferably excluded from the	AA305248, N54839, R19266, AL138192, D81026,

	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 581 of SEQ ID NO:918, b is an integer of 15 to 595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:918, and where b is greater than or equal to a + 14.</p> <p>D80164, D80043, D51060, D80133, D80195, D80522, D59502, D59275, C14014, AI903219, C14389, D80391, D80022, D59787, D81030, AA305409, D59467, D80227, D80196, C15076, D80248, D59859, D80269, D80166, D58283, D80193, D59619, D80210, D80240, D80045, D50979, C14331, AA514186, D51423, D51799, D80253, D80366, AA305578, D80212, D50995, D80038, D80024, D80219, D80188, D51022, AA514188, D59927, D80302, D80251, AW377671, D57483, D59610, D80378, D80247, D59889, C06015, D80268, T11417, D80439, AW360811, AW177440, D80241, C14429, AW178893, AW178983, AW375405, D51103, D59373, T03269, C05695, AW178906, AW366296, AW179328, AW360844, AW360817, C75259, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, D80157, F13647, AW378532, D80258, AW360834, AW177501, AW177511, D51759, D80132, AW352171, AW377676, AW367967, D59653, AW352170, AW177731, AW178907, AW378528, AW178762, AW179019, AW179024, D80134, D51250, AW176467, D80014, AW360841, AW177505, D58253, AW179020, AW178775, AW369651, AW178909, T48593, AW177456, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, AW352158, AI525923, AW352117, H677854, D45260, D81111, AW178774, C14227, D59503, AW352120, D59627, H67866, AW179004, AF809122, AW179012, AW378525, AW352163, D58246, C03092, T03116, D58101, AW378543, AW177728, AW352174, AI535686, D80064, AW179009, AW178911, AW367950, AW177722, AW177734, AW378540, AI910186, AA514184, D59551, D59317, AI535959, AW178781, AI905856, C14077, D45273, D51221, AI525917, D51213, C14407, AW178986, C14973, C14344, AW378533, AI535850, T03048, D59474, AI557774, AI525920, AI525227, D60010, AW177723, D60214, AI525925, Z21582,</p>
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		C14957, C14046, AI525242, AI525235, C14298, D80168, AW378539, AI557751, D59695, AI525912, AW179011, AA285331, C16955, D52291, AI525215, T02868, H67858, AW378542, D31458, C05763, Z33452, T02974, AI525237, AI525222, D51097, Z30160, C13958, AW360855, C04682, AI525928, AF058696, A84916, AB028859, AJ132110, AF135022, AF105332, AB033042, A62298, A62300, AR018138, AR008278, A82595, AR060385, AB002449, X67155, Y17188, A94995, D26022, Y12724, A25909, I50126, A67220, D89785, A78862, D34614, AR008443, I50132, I50128, I50133, D88547, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, X82626, AR016808, Y09669, A43192, A43190, AR038669, AR066487, AR054175, A30438, Y17187, X68127, AR025207, A63261, D50010, AR066490, AR008277, AR008281, I18367, AR062872, A70867, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, D13509, AR060133, AB012117, Z82022, AF123263, AR032065, U79457, AR060382, AR008382	AI300507, AA503459, H82845, H90328, AA114131, AA356280, AA372548, AC002369, AF053356, AC007537, AL024498, Z85986, AL022165
919	HCUDX92	875157	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the General formula of a-b, where a is any integer between 1 to 264 of SEQ ID NO:919, b is an integer of 15 to 278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:919, and where b is greater than or equal to a + 14.
920	HCRON75	875160	Preferrably excluded from the present invention are one or more polynucleotides comprising a

			nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:920, b is an integer of 15 to 347, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:920, and where b is greater than or equal to a + 14.	AI282749, AA452413, AI799916, AA432193, AA995903, AI04146, AA902306, AW341825, AI302646, AA730505, AI400390, AI868755, T40774, W02777, AI038039, AA013109, AI537782, H07058, AA8777238, AA182799, AI418984, AA017529, T48214, AA978013, AI911851, AA776891, AW304390, AW006644, N75836, AI084476, AA232952, AA479122, AI932697, AW196023, AI208222, F04445, F01828, AI130678, AW190128, T40963, AA644390, AA058919, AI122868, AI087324, AA369059, AA243728, AI561065, AI921425, AI283356, AA057173, AI803455, N35151, AI597644, AA354898, AI336533, AI620708, AA235996, N23222, AI816733, W6016, AA587281, AA954671, AI859497, AI357056, AW129922, N69671, AI066552, AI434169, AA194995, C01287, AA243833, AA418568, AA779835, AA418584, H43864, H53350, AA253056, R85536, R75653, AA629185, W24835, AA040558, AA789172, AA194809, AA535768, AA479121, W07476	AC005300, ACC06946	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 139 of SEQ ID NO:921, b is an integer of 15 to 153, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:921, and where b is greater than or equal to a + 14.	AL045916, AI014550, AW205277, AA775845, AI051916, AI381892, AI424322, N35376, AI810456, AA847552, AI910984, AI332893, AA885257, T60096, AI633075, F03985, AA664513, AA044225, AI868555, R44429, AA906159, L13832, AA971914, C14356,
921	HWLNR94	875165	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 139 of SEQ ID NO:921, b is an integer of 15 to 153, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:921, and where b is greater than or equal to a + 14.	AC005300, ACC06946	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 139 of SEQ ID NO:921, b is an integer of 15 to 153, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:921, and where b is greater than or equal to a + 14.	AL045916, AI014550, AW205277, AA775845, AI051916, AI381892, AI424322, N35376, AI810456, AA847552, AI910984, AI332893, AA885257, T60096, AI633075, F03985, AA664513, AA044225, AI868555, R44429, AA906159, L13832, AA971914, C14356,	
922	HCRPY40	875174	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a				

			is any integer between 1 to 916 of SEQ ID NO:922, b is an integer of 15 to 930, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:922, and where b is greater than or equal to a + 14.	AA947838
923	HHEXW67	875177	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 1344 OF SEQ ID NO:923, b IS AN INTEGER OF 15 TO 1358, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:923, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.	AA534865, AI972721, AW024640, AI686105, AI910871, AA777027, AT540070, AA424285, AI972994, AI581903, AA788840, AI005416, AI160974, AA424484, AI273568, AI222356, AA514202, W92744, R44594, AA383997, AI202893, W92867, AA679683, AI624954, AI695910, AA928816
924	HWLNH10	875178	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 65 OF SEQ ID NO:924, b IS AN INTEGER OF 15 TO 79, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:924, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.	
925	HDQEG93	875182	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a	AI991109, AI573169, AI554809, AA149006, AI733786, AI858718, AW176660, AI623804, AI557053, AA565141, AF170583, AF124439, AF124438, AF035527

			is any integer between 1 to 1412 of SEQ ID NO:925, b is an integer of 15 to 1426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:925, and where b is greater than or equal to a + 14.	AI339754, AA838377, N31598, D60056, R61377, AA873785, Z39347, T65060, F02714, D52625, H28582, F09593, W32712, AA056512
926	HWLQTR5	875190	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 710 of SEQ ID NO:926, b is an integer of 15 to 724, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:926, and where b is greater than or equal to a + 14.	AI983632, AW025267, AW272316, AA659262, AA470678, AI890777, AI024574, AA079193, AI803969, AI246363, AI457170, AA465701, AI582165, AI831362, AW242145, AI804411, AW148727, AI689403, AA468711, AA613031, AI923319, N70510, H89293, AW383254, AW383251, AI351905, AA868078, AA730699, AA878423, AA633449, AA652754, AW383221, AI933556, AW383199, AI521443, AC006116, U83880
927	HCRND03	875192	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 627 of SEQ ID NO:927, b is an integer of 15 to 641, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:927, and where b is greater than or equal to a + 14.	AI291811, AI146716, AI334351, AW263730, AI1192996, AI354288, AI333609, AI1191011, AI082067, AW044117, AI868502, AI470433, AI038323, AI342187, AI241881, AI218348, AI808344, AI741256, AI192718, AI760268,
928	HCWUO91	875194	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	

			is any integer between 1 to 231 of SEQ ID NO:928, b is an integer of 15 to 245, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:928, and where b is greater than or equal to a + 14.	AI334089, W69457, Z20835, Z20837, Z20838, Z20843, Z20805, N91135, N41765, W87873, AR069078, AF102166, A75045, A75047, A75048, A75053, A75017
929	HDTIP90	875197	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 283 of SEQ ID NO:929, b is an integer of 15 to 297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:929, and where b is greater than or equal to a + 14.	AA425118, AA425874, AA010299, AA865829, N29860, AI3339732, AA010300, AA768334, AI937125, AI383487, AI200629, AI140022, H94387, N64200, AI0943333
930	HE9TA31	875198	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 565 of SEQ ID NO:930, b is an integer of 15 to 579, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:930, and where b is greater than or equal to a + 14.	
931	HFPBV89	875200	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AA814573, U75285, AC004953, AL1137100

			is any integer between 1 to 656 of SEQ ID NO:931, b is an integer of 15 to 670, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:931, and where b is greater than or equal to a + 14.	AA431391, AA432383, AI090273, AI367314, AL120232, AI298212, AW378278, AI827602, W56760, AW207297, N46844, H79222, W38605, AI244214, W56715, AI218032, AI873993, H79131, AI193942, AI263537, AA733211, AA812972, Z21456
932	HWLQZ89	875203	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1741 of SEQ ID NO:932, b is an integer of 15 to 1755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:932, and where b is greater than or equal to a + 14.	AI097657, AI005046, AA813340, AI636914, AI097487, AI493211, AI697153, AI953943, AI378904, AI924159, AI400885, AI493292, AI082107, F30829, R48330, AI309912, H09783, H18103, AI917833, H20981, AI769442, AI675984, AI862392, AW002435, AI373073, AA862505, AI370933, AI671314, AI273239, N24904, AI341347, N89740, AI700912, AI284290, AI970259, AI872066, AA689333, AA569844, AI206326, AA490593, AI830751, AI420771, H82710, AI681752, H53425, AI263143, R01657, F04440, AI124601, H46265, AA742975, AI637720, AI672283, AI692305, AI969072, AW044491, AI971840, H24582, H47917, AI660826, P36522, AL119429, R42512, F05030, R60010, AI334587, AI568437, AI636598, AI972728, AI698094, AA448948, AI919147, H73765, R35079, AI937157, H81810, H46366, AI264374, R40749,
933	HCRMY90	875205	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 676 of SEQ ID NO:933, b is an integer of 15 to 690, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:933, and where b is greater than or equal to a + 14.	AI097657, AI005046, AA813340, AI636914, AI097487, AI493211, AI697153, AI953943, AI378904, AI924159, AI400885, AI493292, AI082107, F30829, R48330, AI309912, H09783, H18103, AI917833, H20981, AI769442, AI675984, AI862392, AW002435, AI373073, AA862505, AI370933, AI671314, AI273239, N24904, AI341347, N89740, AI700912, AI284290, AI970259, AI872066, AA689333, AA569844, AI206326, AA490593, AI830751, AI420771, H82710, AI681752, H53425, AI263143, R01657, F04440, AI124601, H46265, AA742975, AI637720, AI672283, AI692305, AI969072, AW044491, AI971840, H24582, H47917, AI660826, P36522, AL119429, R42512, F05030, R60010, AI334587, AI568437, AI636598, AI972728, AI698094, AA448948, AI919147, H73765, R35079, AI937157, H81810, H46366, AI264374, R40749,

	AI302145, AI814203, AA579984, H08629, AI241253, N70758, AI784637, AA445972, AA831362, AA449675, AI962774, N73289, AA742512, F04519, H81808, H45607, N36026, AW129948, AA371633, AI918943, AI457339, AI202352, AW292465, WA4502, AA976901, H74148, W32735, AI869367, AI538764, AI554245, AI890833, AI364788, AI633073, AI654276, AI567769, AI270099, AI1312428, AI590603, AI610114, R36271, AL120853, AA719425, AL135025, AI963068, AL045620, AA808096, AW022682, AI868831, AI612913, AI250293, AL048656, AI497733, AW074993, AI349614, AA640779, AI282326, AA572758, AI312152, AW075084, AI349937, AI340603, AI954183, AI500061, AL036187, AI307708, AI569583, AW274192, AI635492, AI932953, AL079963, AA225339, AL036638, AL036802, AI119863, AI340519, AI348897, AI612920, AI800384, AI340582, AI564765, AI334450, AI680280, AW071417, AL036274, AI814087, AI160954, AI631107, AI281837, AI801523, AI318569, AW020693, AA427700, AI523806, AI475371, AI349645, AW089572, AI815855, AW079572, AL047422, AI828583, AL041150, AI368868, AI811353, AI630252, AI309401, AI627988, AI249375, AW403717, AW302965, AI134999, AI343112, AI826225, AI445165, AI811785, AW268220, AI349598, AL036631, AW023590, AI349256, AI589998, AW151136, AI345735, AI783504, AI929108, AI620284, AI923989, AL036361, AI921248, AI334884, AI571909, AI619502, AI335426, AI802542, AI348777, AI699865, AI348854, AI499285, AW0268882, AL038445, AI698391, AI345543, AI815232, AL036901, AI251221, AI500077, AI284517, AI064830, F36033, AI433157, AI702073, AI567351, AL039086,
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AW302992, AI862144, AW081449, AI567612, AI345463, AI288285, AL048323, AL036396, AL048340, AI950664, AI819326, AI683099, AI343059, AW129689, AI500659, AI624206, AI873613, AL050223, AF135372, I77040, Y09972, X70685, AF113690, U42766, A08916, I89947, AF090900, AL133560, A08910, I48978, AF113677, AL049314, S78214, AL137550, A08909, AL137521, AL049452, I89931, AL133016, A03736, X63574, AF111851, A77033, A77035, A07647, AF177401, A08913, AL133640, AL133557, AF091084, AF113019, AJ000937, AL117457, E12747, AL110225, Y11254, AL137459, AL117460, AF100931, AF097996, I33392, AF113691, AL050116, AL096744, AF026816, I48979, I03321, AF158248, AF118070, AL137480, I49625, AL122050, AL137271, AF146568, AL122093, AL133565, AF118064, X62580, AF111849, AF079765, AL110280, Y16645, AR059958, E07108, AL049430, AB007812, L31396, L31397, AF061943, AB019565, X82434, AF017437, AF090943, AJ238278, X84990, AF113013, AP125948, AF090901, AL117435, AL122121, A08912, AR038969, AF078844, AF067728, AF132676, AL049382, AF061836, AF090903, I00734, S61953, AR011880, E05822, AF087943, AL110197, AF026124, AL050277, E00617, E00717, E00778, U68387, AL050146, AF090896, AL133606, X96540, AF090934, AL050024, AL133075, AL117394, AL080124, AF057300, AF057299, X72889, Y11587, AL133080, AL117583, AL050149, S68736, AL133568, A58524, A58523, AL049466, AR038854, AF113699, AJ242859, AL137538, AF017152, AL050108, AL050393, U35846, I26207, AF113694, AL137557, AF125949, AF113676, U00763, X98834, AL122123, AL122110, A65341, AL049300, AR000496, U39656, U78525, AF106657, AL133113, Y10080, AF106862, A93016, E03348, AF113689, AL133093, E02349,
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		U58996, AL122098, AL110221, I09499, E02221, AL080060, AL137526, AL110196, AL049464, AL110222, AF061573, AL049938, AF183393, AF153205, AL137533, AL080137, AL137527, Y07905, U91329, U72620, E07361, AF118094, AL049283, AL137560, AL080074, L30117, AL137648, X65873, AF003737, AL133067, A93350, AF104032, AF054599, AL137665, AL133104, X87582, U67958, Z82022, E15569, AL117585, AL133014, U80742, A12297, AL137463, AF162270, AF111112, AF119337, L19437, I42402, AL137529, E08631, AF185576, AL133072, AF008439, AJ012755, AC006840, AJ006417, AL137292, A90832, M30514, AL133098, AL133077, AL137429, AL122049, I09360, Z72491, E04233, AF079763, AL117432, AL137556, AL080159, AF210052, Z37987, AL080127, U96683, Y14314, A45787, AL117440, AL050092, AL050138, X93495, AL137476, E08263, E08264, AF106827, AL133665, AL137273, AF126247, AL137478, X52128, AL080148, AL137294, Y10655, AL050172, AF030513, W44503, AA706537, AA723577	AI884729, W81653, AW182472, AA316800, AI499650, W81654, AA340783, AW079879, AI889685, AA172137, AI889690, R12690, AW014526, AW296129, Z17347, R16432, AW170446, AA243050, AI270013, AI902413, AA524041, AI906269, AF098915, AF116571, AF083105, AR060647, AR060646, AR060642, AF149301, AB006329, AJ000740	AW173026, AI521274, N49409, AA418271, H63962, AA009947, AA808598, AW043579, AW183055, AA478576, AA847893, AA885985, AI417159,
934	HNBTB35	875206	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 169 of SEQ ID NO:934, b is an integer of SEQ ID NO:934, and where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:934, and where b is greater than or equal to a + 14.	
935	HCQAW68	875208	Preferably excluded from the present invention are one or more polynucleotides comprising a	

			nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 856 of SEQ ID NO:935, b is an integer of 15 to 870, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:935, and where b is greater than or equal to a + 14.	AI950883, AI089360, AA505961, AI468599, AI379044, AI027938, AI333775, AA255751, AW292700, AI972464, N49499, AA173415, W31503, AI678423, AW193647, AA470626, AA456887, AI741193, D30922, AI262232, AA417796, R94806, R94723, AI703182, D31568, AA478711, AA335529, AI004158, AA173505, W94077, N87822, W94078, AC006557
936	HWLRR89	875209	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 429 of SEQ ID NO:936, b is an integer of 15 to 443, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:936, and where b is greater than or equal to a + 14.	W68407, AA513541, W68295, RC5299, H43627, N64587, H91844, AI689019, AA747243, F13749, AW167154, AA569065, AL135643, AA229444, AA579184, AA226584, F27015, AA563770, AI859280, AI499472, AI598003, AI751162, AI364809, AA663692, AW162288, AA311156, AW245179, AI955703, AA587641, AA461308, H79676, AA130647, AA178955, AA176717, H62670, AI696793, AA229464, AA644320, AA715878, AL037050, AA584603, AA934680, AA658320, AA346586, AI014361, AI829331, AI699060, W45298, AA904137, AA055918, AA365586, AA610660, AA745337, AA574442, T05319, AA172191, W45283, R23352, AA488620, AI1929243, AA831904, AA501418, AI299050, F32893, AC000070, AC000052, S42655, AL035683, AC004019, M87918, AC006211, AL049780, AC006530, AL022316, AL133448, AP000689, L44140, AF196779, Z82180, AC005756, AC009946, U02068, AC000015, AP000556, AC009069, AC005786, AL031255, AC004876, AL133353, AC003964, AC005498, AC003108, AC002418, U73649, AF064858, AL031733, AC005874, AF134471, AC006050, AL121653, AF129756, AL031003, AC021092, AC006039, AC004386, AL021546, AF109907, AC004859, AC002504, Z83826, AC006238, AF045555, AC004211, AL049776, AL109654, AL117536, AC005081, AC009509, AC005971, AC005225, AL109984, AC006079,

		AL031311, AC008115, AC005703, AL022329, AC007055, AC004099, AC005920, AJ003147, AB003151, AL050332, AL022328, AL022163, AF001549, AP000356, AC000025, AB023050, Z98051, AL031662, AL031283, AL008719, AC005746, AC005531, AB014084, U07563, AC004253, AC003119, AP000511, AC007487, AC004921, AC005839, AC007386, AC004913, AC002301, AL009182, AC003684, AC004638, AL023879, AL109798, AC005104, AL031681, AF084941, AL008735, AC006597, AC005291, AC004794, AC005837, AC004854, AL023513, AC004812, Y16790, AC005562, AC006511, AL078477, M58600, AC002425, Z83819, AL022578, AL021366, AC004496, AL022320, AC004079, AL078472, AC005726, AC007136, AC003110, AC005257, AL031670, AC006141, AF064866, Z97056, U95742, AC005915, AC010072, AL121603, AC005089, AC005808, AC003664, AC005369, AC004207, AC000075, AL031228, AC005512, AC007229, AC005755, AL031594, AL122003, AC005479, AC006376, AC007308, AL117258, AC005387, AC004821, AC003692, AC005209, AL031589, AL050343, U47924, AC005527, AC002470, AC005988, AL020997, AL035587, L35485, AC005740, AC002091, AL080243, AC005480, AC007011, AC007435, U91325, AF207550, AC002070, AL023807, U14705, U95739, AL024498, AR000118, AL135744, AC004678, AC006285, AF134726, AC003101, AC002558, AC006111, AL03418, AC004687, AC004931, AC005529, AC006257, AP000114, AP000046, L47234, Z70289, AC005800, AC009516, AC005288, Z68162, AC004132, AC003958, AC004263, AC004778, AL034420, Z82198, AC005759, AL133163, AC006001, AF043945, AC007191, AC004167, AL008635, AL049642 AI822096, AW055351, AW025170, AI738870, N74105,	Preferrably excluded from the
937	HEICC11	875210	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 476 of SEQ ID NO:937, $b$ is an integer of 15 to 490, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:937, and where $b$ is greater than or equal to $a + 14$ .	AI908453, AW167780, T20232
938	HOHAU31	875211	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1151 of SEQ ID NO:938, $b$ is an integer of 15 to 1165, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:938, and where $b$ is greater than or equal to $a + 14$ .	AI082833, AI338355, AI380850, AA442723, AI126571, AA977252, AI796807, AA744566, AI498240, AI869676, AA804766, AI356565, AA393967, AI937681, AI141830, AI362778, AI962284, AA769508, AI266381, N68361, AA648745, AI628738, AI937696, N93235, AI566330, AA837210, AA488188, AA400818, AA768792, AA010778, AW135635, AA011186, AI937706, AA456354, AI740716, AI633524, W25092, AA401161, AA402881, AA454705, AI765112, AA806815, N94030, AI347193, R38452, AI392957, R36533, AA247860, AI802287, AA910408, AW365114, D87957
939	HHEVA12	875214	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 434 of SEQ ID NO:939, $b$ is an integer of 15 to 448, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:939, and where $b$ is greater than or equal to $a + 14$ .	H82458, AI807402, AI702959, AI828066, AA844652, AI990582, AI867867, AI650779, AI783685, AI823816, AI763024, AI703213, AI394033, AW450682, AA932131, AA631102, AA883441, AI245841, AI202267, AI798617, AI680581, AI399658, AA962795, AI351810, AI433871, AI953582, AA308767, AJ006591
940	HWLPE33	875215	Preferably excluded from the	AW148699, AA037650, AI560082, AI270751,

	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 918 of SEQ ID NO: 940, b is an integer of 15 to 932, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO: 940, and where b is greater than or equal to a + 14.</p> <p>AA534005, AA026583, H47850, AI805489, N44186, R49805, AA229478, AI584148, AA578254, AA897016, R49846, H47851, AA592942, AI220276, AA654482, AI682899, AA297498, AI342677, F23294, AW392414, AA362349, AA704009, AA832025, AW162750, AA362348, AC006121, AC005089, AL122020, AL133245, AL031680, AC004913, AC003043, AL034420, AC005920, AC005632, M87889, AF124523, AF073485, Z99716, AC005881, AC002542, AP000687, AL135783, AL035461, AC006130, AC005921, AC007537, AC002477, AC004491, AC004181, AC005694, AL022302, AC005919, AL035415, AC004883, AC005844, Z98941, AL117258, AC004821, AC005940, AL022336, Z99127, AL031255, AC004685, Z97630, AL135744, AL049843, AB000876, AC001227, AC004149, AC007435, AL096701, AC003958, AC004859, AC002350, AC007216, AC005081, AC005387, AL121658, AL109963, AC006441, Z83844, AL031005, AC002310, Z98036, AC006241, AF001550, AF200465, U07000, AP000688, U95742, AC005914, AC006285, AC007283, AC004967, AC004791, AC004000, AC005266, AL008583, AF038458, U62317, AC010582, U73638, AC002044, AC004382, AB000882, AP000243, AL049591, AC004814, U52112, AC005253, AL031283, Z73359, AL021707, AC005736, AC007774, AL022721, AC004686, AP000212, AL022316, AL031296, AF205588, AL050341, AC007308, AC005231, AC005102, AC006101, AL022313, AC005730, Y10196, AC002045, AF109907, AL121603, AC003101, AC005911, Y14768, AC006312, AC004148, AC002470, AF001552, AP000509, AC005291, AF111168, AL049699, AC003109, Z85986, AC007685, Z98752, AC006552, AC004876, AP001065, AP00692, AC006111, AC006077, AF001549, U63721, AC005086, AP000505, AL049694, AC004671, AC002351, AF217403, AL033376, AC008372, AC005829,</p>
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			AC004815, AL049780, AL136295, AC004874, AC005037, AC006509, AC005826, AC005529, AL021391, AP000689, AC005527, Z94801, AC005399, AC016027, AL008726, AL050348, AC006141, AD000092, AL121769	
941	HCRME38	875223	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 721 of SEQ ID NO:941, $b$ is an integer of 15 to 735, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:941, and where $b$ is greater than or equal to $a + 14$ .	AA357892, AA352090, AA169706, N48669
942	HUSFH63	875226	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 844 of SEQ ID NO:942, $b$ is an integer of 15 to 858, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:942, and where $b$ is greater than or equal to $a + 14$ .	AI989470, AI739105, AW003166, AW450745, AI798962, AI394656, AI762864, AI090267, AI650759, AI360003, AW451412, AI332832, AA639490, AW448996, H22460, AI659730, AI243133, AA700052, AA922300, AI276808, AA481892, W80881, AW196339, AW001627, W80754, AA887717, W76370, AA490319, AI362569, W72312, AA490418, AA922615, F33362, AA379821, AA947197, W57568, Z41493, AA216710, AA218589, AI631175, AW081873, AW235387, AA937923, AA868799
943	HMWDC2	875228	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1331 of SEQ ID NO:943, $b$ is an integer of	AW194969, W52839, AI521938, W81166, AI199267, R68505, N47371, W81165, AI827849, AA086195, R46033, AI816972, T64991, AI797732

			15 to 1345, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:943, and where b is greater than or equal to a + 14.	
944	HUVDJ48	875236	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1815 of SEQ ID NO:944, b is an integer of 15 to 1829, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:944, and where b is greater than or equal to a + 14.	AI479925, AI886110
945	HCQBE84	875238	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 374 of SEQ ID NO:945, b is an integer of 15 to 388, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:945, and where b is greater than or equal to a + 14.	T81835
946	HCYBJ39	875239	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:946, b is an integer of	AI739548, AI220390, AA242763, AA242742, AI280472, N29550, AI474281, AA305458, N42160, AW295694, AI376757, AI051056, D59275, C14389, D51423, D51799, D59859, D80164, D80038, D80195, D59467, D80227, D59502, C14331, D58283, D80022, D80166, C15076, D80253, D59619, D80210, D80391, D80240, D81030, D80043, D59787, D80269, D80024,

	<p>15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO : 946, and where b is greater than or equal to a + 14.</p> <p>D80212, D50979, D59889, D80193, D80196, D80188, D80219, D57483, D59927, D80366, D80378, AA305409, D80045, D50995, D59610, AA305578, C14429, D51060, D80241, T03269, D51022, AW178893, C14014, D81026, AW179328, C75259, D80251, AW177440, AA514188, AW378532, D80134, D80248, D80522, AW178775, D80133, AW369651, AW360811, AW178762, AA514186, D51250, D52291, D59695, F13647, AW352158, D58253, AW375405, AW377671, AW177501, AI910186, AW177511, D80168, AW366296, C14227, AW360844, AW179023, AW360817, AW375406, AW378534, C05695, AW179332, D51079, AW377672, AW178905, D80268, D81111, AW352117, D80132, AI905856, C14298, AW176467, D80302, AW179020, C14407, AW352171, AW179019, D59373, AW377676, D80439, AW352170, AW177731, AW178907, AW179024, AW360834, D80247, AW177505, D51103, AW178906, AW378540, AW360841, AW178909, AW177456, Z21582, AW179329, AW178980, AW17733, AW378528, AW178908, AW178754, AW179018, T11417, AW352174, AW179012, AW179004, AW178914, AW378525, AW367967, D80157, AA285331, C06015, D51097, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW177722, AW352163, D59503, AI557751, AW178983, AW178781, D59627, T48593, AI557774, D58101, D59653, D45260, AW177723, AW352120, H67854, AA809122, AI535850, C03092, H67866, AI525923, AW378533, D59317, AW178986, AW367950, C14975, AI535686, D51213, T03116, T02974, D80258, AI525917, D45273, D58246, D80014, C14344, C14973, D80064, AI525920, D51221, D59551, D59474, D60010, AA514184, D60214, AW177734, AI525227, D50981, C14957, AI525235, C14046, AI525242, AI525925, T03048, AI525912, C16955, AW378539, AI525215, AI525222, AW378542, C05763, Z33452, AI525237, AF064104,</p>
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			AF064105, AF023158, AC006024, AC004899, A84916, A62300, A62298, AJ132110, AR018138, AF058696, AB028859, X67155, Y17188, D26022, A25909, AR008278, A67220, D89785, A78862, D34614, I82448, D88547, X82626, Y12724, AR025207, AR060385, A82595, A94995, AB002449, I50126, AR008443, AR016808, AB012117, I50132, I50128, I50133, X68127, AR066488, AR016514, I14842, A85396, AR066482, AR060138, A44171, A45456, A26615, AR052274, A85477, I19525, A86792, U87250, Y09669, A43192, A43190, AR038669, AR066490, X93549, AR066487, AR054175, A30438, I18367, Y17187, X64588, A63261, D50010, AR008277, AR008281, I79511, D88507, AR062872, A70867, AR016691, AR016690, U46128, AR008408, A64136, A68321, D13509, AR060133, AF135125, Z82022, U87247, AF123263, AR060382, AR032065, U79457, AB031111, X93535, AR008382	AA700211, A1924174, AA393151, AA435564, AA372370, AA380857, AA381081, AA302773, AA0070279, N42187, AA054463, AL035301, Z97195	AA776462, AW129423, AI969716, AA989719, AA535427, AA160871, AA015965, AA749060, AI962767, AW192584, AI288894, AA954800, AI767952, N43845, T67088, R00572, T52847, T06646
947	HCRMWS 0	875240	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 739 of SEQ ID NO:947, b is an integer of 15 to 753, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:947, and where b is greater than or equal to a + 14.		
948	HCQDF84	875246	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 898 of		

		SEQ ID NO:948, b is an integer of 15 to 912, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:948, and where b is greater than or equal to a + 14.	AA515440, AA448050, AA252729, AI274692, AA569065, AA456937, AI038990, AA715004, AA070456, AI039393, AA367788, AI799545, AI635196, AC006530, AC005081, AC006312, U47924, AC002352, AC006273, AC007227, AF064858, AC002350, AL121578, AC005839, AC004477, AC007773, AL021578, AC002301, AC004595, AL031257, AC002558, AL031667, AL050332, AC005015, AC007919, AC007993, AC006512, Z94801, AL021366, AC005820, AC004686, AL035587, AC007546, AC007199, AC002470, AC004890, AC004905, AC009263, AC005041, AP000557, U82828, AC005358, AC006480, AC004841, AC007051, AP000269, AC007308, AC005971, AC008018, AL031282, AL049569, AC005527, AC006285, AC007371, AP000550, AP000103, AC007114, AF111169, AC006430, AC005189, AC005274, AC002349, AC002115, AL034423, AC007358, AP000502, AC005539, AC002073, AP000010, AC012627, AC005921, AL049776, AC006996, AJ003147, AL031311, AC004883, AC003080, AC004467, AC004685, AF055066, AL049697, AL035448, AC004882, AL109628, AC006356, Z93017, AL136295, AL121653, AC005857, AC005544, AC005911, AC005529, AL049869, AC005258, AL008582, AC007221, AC005064, Z84488, AC006111, AL031431, AC003003, Z85996, AP000432, AL049636, M90058, AC004623, AC004887, AC000159, AL022323, AL034429, AC005562, AL049709, AL023513, AC004000, AC008079, AL034379, Z49237, AC007298,
949	HNHOD84	875253	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of SEQ ID NO:949, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:949, and where b is greater than or equal to a + 14.

		AP000115, AC007283, AC004552, AF038458, AC008273, AC005919, AC002425, AL049795, AC005783, AC005046, L44140, AC006115, AL021939, AC004383, AL031432, AC006538, AC005089, AC002996, AL035422, AC005913, AL020993, AC004554, Z98884, AP000961, AL034420, AC005300, AC000004, AC005747, AL121603, AC007193, AL021707, AC005940, AC007055, AC005345, AL031279, AL049761, AC016025, AC005335, AC005520, AC006128, AC002039, AL023575, AC005696, Z75744, AC008394, ZB2244, AC004010, AL132642, ZB3840, AL096774, AC007537, AL022163, AP000555, AC005630, AL080243, AL035681, AC006966, AC000070, AL035079, AL122020, AP000503, AC004024, AL035555, Z84469, AC007204, AC010206, AC008080, AL096775, AC006539, AC005901, AL031230, AP000553, AC008116, AC002310, AL031388, AC006211, AL049834, AC004812, AL024506, AF030876, AF047825, AL031466, AL022318, AC005953, AC005086, AL035659, AC006077, U95739, AC005900, AC005488, AC006042, AC005844, AC006057, AP000356, AC005229, AL033525, AC002119, AL121825, AP000513, Z97181, AC006130, AL049837, AL133245, AL035697, AC005772, Z98051, Z99128, AC006146, Z82215, Z97183, AL035462, AC005184, AC004526, AL139054, AC000085, AC004745, AC006058, AC005878 AI190289, AI2669506, AI266578, AI269675, AW271406, H79201, AA252407, AA528568, AA370149, AC004968, AL020995, AC006475	
950	HACCF57	875254	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 992 of SEQ ID NO:950, b is an integer of 15 to 1006, where both a and b correspond to the positions of

		nucleotide residues shown in SEQ ID NO:950, and where b is greater than or equal to a + 14.	
951	HHPGU61	875261	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1288 of SEQ ID NO:951, b is an integer of 15 to 1302, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:951, and where b is greater than or equal to a + 14.
952	HFATS83	875269	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 457 of SEQ ID NO:952, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:952, and where b is greater than or equal to a + 14.
953	HAMFL51	875270	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 904 of SEQ ID NO:953, b is an integer of 15 to 918, where both a and b correspond to the positions of

		nucleotide residues shown in SEQ ID NO:953, and where b is greater than or equal to a + 14.	
954	HPLBS64	875271	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1669 of SEQ ID NO:954, b is an integer of 15 to 1683, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:954, and where b is greater than or equal to a + 14.
955	HHFGS83	875275	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 105 of SEQ ID NO:955, b is an integer of 15 to 119, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:955, and where b is greater than or equal to a + 14.
956	HCQAI83	875276	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 337 of SEQ ID NO:956, b is an integer of 15 to 351, where both a and b correspond to the positions of

		nucleotide residues shown in SEQ ID NO:956, and where b is greater than or equal to a + 14.	
957	HKIAB83	875277 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 361 of SEQ ID NO:957, b is an integer of 15 to 375, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:957, and where b is greater than or equal to a + 14.	R28559, R21765, AI440499, AW317012, AI936766, AA065268, W84822, T7368, AA114092, W84775, AA045419, AL034418, U80737, AF010227, AF016031, AF036892, AF012108
958	HOUAT80	875278 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:958, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:958, and where b is greater than or equal to a + 14.	AA862635, W72675, W93044, AA308526, AA877204, W93172, AI696392, AI572790, W77781, AI683779, AW087469, AW296863, AF086486
959	HICUCG82	875279 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 332 of SEQ ID NO:959, b is an integer of 15 to 346, where both a and b correspond to the positions of	AW167842, AI057032, AA526539

			nucleotide residues shown in SEQ ID NO:959, and where b is greater than or equal to a + 14.	
960	HWL <sup>3</sup> MY8	875280	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:960, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:960, and where b is greater than or equal to a + 14.	AI620847
961	HHGDB82	875281	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 887 of SEQ ID NO:961, b is an integer of 15 to 901, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:961, and where b is greater than or equal to a + 14.	AI744663, AI459158, AI399947, AI042501, AA005077, R76404, R76743, AI222161
962	IHEMA27	875282	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1438 of SEQ ID NO:962, b is an integer of 15 to 1452, where both a and b correspond to the positions of	AI672414, AI122760, AI337912, AI090244, AW090300, AI623661, AI742232, AA149420, AI023964, AA975373, AI288904, AA890325, AI458424, W37573, AI984583, AA528775, N32562, AI358102, AW241694, AI038448, AI961291, AA576391, AI672071, AI018389, AA977874, W37448, AA315805, AW189392, H28241, H44349, AA612894, AI277548, H25318, R75904, H89551, AI373653, AA376906, AW366504, AI699774, H89365, AW172758,

		nuucleotide residues shown in SEQ ID NO:962, and where b is greater than or equal to a + 14.	AA345675, AA369319, AA369335, AA369205, AI791888			
963	HWLQS11	875287	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:963, b is an integer of 15 to 423, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:963, and where b is greater than or equal to a + 14.	T55228, AA129314	AW392670, AW363220, AW372827, AW384394, AL119497, Z99396, AL042965, AL119319, U46341, AL119457, AL119324, AL119363, AL119484, AL119341, AL119391, AL119355, AL119483, AL119443, AL119496, AL119522, AL119396, U46351, U46349, AL1134538, AL119335, U46346, U46350, U46347, AL119418, AL119444, AL042975, AL1134533, AL042614, AL037205, AL134920, AL119439, AL043029, AL134532, AL134531, AL119399, AL134518, U46345, AL042984, AL042970, AL042450, AL042542, AL043011, AL042544, AL043019, AL042551, AL119464, AL119488, AL043003, A81671, AR060234, AR066494, AB026436, AR054110, AR069079	AA932250, AA084323, AA081576
964	HCRNO87	875288	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 772 of SEQ ID NO:964, b is an integer of 15 to 786, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:964, and where b is greater than or equal to a + 14.	AW392670, AW363220, AW372827, AW384394, AL119497, Z99396, AL042965, AL119319, U46341, AL119457, AL119324, AL119363, AL119484, AL119341, AL119391, AL119355, AL119483, AL119443, AL119496, AL119522, AL119396, U46351, U46349, AL1134538, AL119335, U46346, U46350, U46347, AL119418, AL119444, AL042975, AL1134533, AL042614, AL037205, AL134920, AL119439, AL043029, AL134532, AL134531, AL119399, AL134518, U46345, AL042984, AL042970, AL042450, AL042542, AL043011, AL042544, AL043019, AL042551, AL119464, AL119488, AL043003, A81671, AR060234, AR066494, AB026436, AR054110, AR069079	AA932250, AA084323, AA081576	
965	HCROJ83	875292	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1326 of SEQ ID NO:965, b is an integer of			

		15 to 1340, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:965, and where b is greater than or equal to a + 14.	
966	HCQDD32	875296	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 870 of SEQ ID NO:966, b is an integer of 15 to 884, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:966, and where b is greater than or equal to a + 14.
967	HDPQA93	875303	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1618 of SEQ ID NO:967, b is an integer of 15 to 1632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:967, and where b is greater than or equal to a + 14.
968	HCQDT68	875304	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1578 of SEQ ID NO:968, b is an integer of

			15 to 1592, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:968, and where b is greater than or equal to a + 14.	AI698429, AW383462, R72364, AW075583, AW385514, H75958, AW371976, N77408
969	HE2RW42	875305	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1917 of SEQ ID NO:969, b is an integer of 15 to 1931, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:969, and where b is greater than or equal to a + 14.	AI973007, AA044726, AI912603, AW368067, AI591108, AI304361, AA629391, AA044763, AI693263, AI383983, AI765403, AI452690, AI765415, AW022807, AI687138, W15541, AI921849, AI039238, AA828440, N73899, AA460224, AW160328, AI342940, W31635, AA830160, AA603493, AI540328, H55741, AA913472, AA648460, AI378160, AA911784, AA974711, AI342224, AW129496, AI348335, AA478418, AA701478, AI689148, N64832, AI692531, AA602416, AW129495, AI619537, R94469, H88664, AA292403, AA402343, AW005495, AW129491, H57652, N75940, W05172, H55740, W03962, AW182981, N24346, AI289454, R20310, R94470, AI805703, R64266, H88710, H89663, R20717, AW235449, Z4209, AA010348, T30281, R44317, R57427, AA463788, Z38368, H03530, R46182, H89516, N75854, AA933035, Z20064, N75684, AW129490, AI867961, AA115343, A74487
970	HAGDP04	875306	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:970, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:970, and where b is greater than or equal to a + 14.	AA503363, AI860667, AW189824, N62219, R55787, Z41236, AB028992
971	HWLRA80	875307	Preferably excluded from the	R93889, AI123939, AA284726, AA948167, H82244,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:971, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:971, and where b is greater than or equal to a + 14.</p> <p>H61797, AA293426, AA293034, AL121270, AL036802,            AW104724, AI349772, AL036396, AL040243,            AL036146, AI568855, AW071349, AI348897,            AI349645, AW162071, AI590128, AI758437,            AW071417, AI625079, AL045500, AI538716,            AI564719, AI433157, AI635461, AI620284,            AW238730, AI119049, AI349256, AI868831,            AI349004, AI433976, AW268253, AL119791,            AI135661, AW074993, AI349614,            AI521012, AI500077, AI312152, AI345735,            AI475371, AI567351, AI349933, AW103371,            AI349937, AW074869, AW089572, AL045903,            AL047042, AW301409, AI445432, AL120854,            AL036274, AI440426, AI597750, AI064830,            AI281779, AI636456, AL047763, AW148320,            AI800453, AI800433, AW087445, AL036980,            AI439087, AW303152, AI250293, AI678302,            AI568870, AW169653, AI499463, AW274192,            AI249257, AI682841, AI343112, AL048871,            AI275175, AI702406, AI857296, AI702433,            AI440239, AL038605, AI633419, AI498579,            AI866002, AA508692, AI536685, AI497733,            AI281773, AI121014, AI207510, AI274541,            AI866608, AA613907, AL040169, AW068845,            AI687728, AI269205, AI580984, AI684265,            AI224992, AI469532, AI697137, AL121365,            AI802542, AI613017, AL036759, AW026882,            AW117882, AI282655, AI366549, AW071412,            AL046849, AI349598, AI540832, AI271786,            AI119828, AL038778, AI610307, AI631107,            AI49393, AI818683, AW195957, AW301300,            AI445025, AI285735, AI349226, AW268072,            AI699857, AI815383, AI436456, AI906328,            AL038779, AI687375, AI591311, AI920968,            AI608667, AI281762, AI580190, AI628205,            AI500659, AI500553, AI921379, AL120736,</p>
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	AI690835, AI753683, AL044207, AA640779, AI863014, AI499131, AI432969, AI687376, AI446628, AI690751, AW302992, AW183130, AW075351, AI340519, AI492540, AI612913, AW118557, AI754897, AI619502, AI969601, AI783504, AL043326, AA225339, AI866780, AI269696, AI934036, AI493248, AI686926, AW168650, AI318280, AW166645, AI610645, AI119748, AI888953, AI866887, AI475134, AI679724, AW151485, AI539771, AI121463, AI811863, AI873731, AI1282281, AI679764, AI434281, AI687415, AW080838, AI680113, AI307570, AI524671, AL036361, AI673256, AI671679, AI439745, AI1874109, AI569616, AI907070, AI570384, AI609592, AI859733, AI583316, AI889203, AI1799305, AI343059, AA572758, AW167776, AI290154, AI567632, AI597918, AI687127, AI636445, AI800411, AW235035, AW085799, AI690480, AI862142, AI934035, AI568854, AI149592, AI869367, AI334902, AI919058, AI889839, AA528822, AI872711, AL042753, AI811353, AW075207, AI312542, AL036240, AI696398, AI560012, AI345778, AW302965, AI1818206, AI952114, AW002342, AI799199, AI307466, AI620868, I48979, I89947, AL117457, S78214, AF090934, AF113690, AL122050, AL133640, AL133016, AL133606, AF090903, Y11587, AJ242859, AF090900, AF090901, AF113691, AF090943, AF078844, AF113013, AF118070, AL110196, AF113694, L31396, AL050146, L31397, AF118064, AL049452, AL050393, U4276, AF125949, AF104032, A93016, AL110221, I89931, S68736, AL049938, AL122093, AL117460, AL133075, AL080060, AF113689, AR059958, AL050149, AL137527, X84990, AF090896, A08916, AF106862, AL050116, AF113676, AF113677, AL050108,
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		AL049466, A08913, AB019565, AL050277, AF113019, AL133557, AL049314, AF017152, AL096744, AL080124, AL137459, AF113699, Y11254, AL080137, AL137557, X63574, AL122121, I48978, AF111851, AL133565, AF158248, AL122123, AL137283, E03348, AL133080, Y16645, AF146568, AL133093, AL117394, AJ000937, U91329, AR011880, E07361, AF125948, X82434, AL050138, AL049430, AF091084, AL137550, AF097996, I49625, AL110225, AF079765, AL049300, E07108, AF17401, AL133560, A08910, A65341, AJ238278, A77033, A77035, E02349, AL049464, AF017437, U00763, A08912, A08909, AL122098, AL117435, AL117585, A03736, AL050024, AL049382, AL117583, 282022, AL137271, AF087943, AL137648, AF183393, A58524, A58523, I03321, AL122110, AL049283, X96540, AL137538, U35846, AF067728, AF118094, X70685, S61953, X72889, AL133113, I33392, AL137521, AL137463, X93495, U72620, A12297, AF095901, U80742, X65873, AL080127, AC007390, AL121603, U67958, X98834, A08911, AL110197, AL137560, AL080159, AF061943, AR038969, AF110520, AF111112, AL096776, AF026816, AL133072, I09360, E05822, I42402, AJ012755, E08263, E08264, AC006840, A93350, AF091512, E15569, I26207, AL122049, AC006371, AC002467, AL133568, AL080074, AL050172, AC004093, AF026124, I66342, AF061981, AC006222, AF119337, E12747, AC004200, AF000145, AF057300, AF057299, AR013797, Y09972, U49908, AL133104, I17767, Y14314, AL137523, Z72491, AL137480, AC006336, AR000496, U39656, AL049776, I00734, Y10655, AC006039, AR038854, E00617, E00717, E00778, Z98036, AC004690, AF162276, AL133077, AL035587, AL022147, AF003737, U02567, AF111849, U68387, AL133014 AA516214, AA515728, R99613, H68343, AI281401,
972	HWLRC80	875308 Preferably excluded from the

	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:972, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:972, and where b is greater than or equal to a + 14.</p>	AA502098, AI636734, AA584183, AI078409, AI439393, AA584493, AI798407, F08866, AA303165, N69226, AW157731, AI567391, AA492114, AA610433, AW381847, AW381904, AL045476, AW051819, R70884, R48980, Z84466, AC006965, AC004991, Z93930, AL035086, AC002302, AC006023, Z85986, Z97056, AC002350, AL049872, AC007536, AL008718, AL121603, AC007057, AC005529, AC006449, AP00694, AC004895, AL049631, AC007199, AP00692, AC002310, AC003689, Z84480, AC004383, AC00527, AC006262, Z82243, AC002072, U95739, AC005015, AC005011, AC002070, AC006146, AC004000, AC007066, AC006236, AC005874, AF134471, AC005332, AL133244, AC005089, AL022238, AL133448, AL031283, AC008372, U91318, AL009183, U63721, AL031584, AC002312, AC006571, AC004593, AP000354, AF047825, AC009542, AC002540, Z93023, AC006455, D87675, AC009330, Z98742, AP000045, AC005740, AC004801, AC007371, AC005826, AC004084, AP000355, AC005562, AC006379, AC005971, AC004765, AP000065, AL021155, AL078477, AL031432, AC004797, AC006039, AF109907, AL139054, Z98052, AL1132987, AC006285, AL049760, AC006966, U91326, AL096701, AC002544, AC007308, AC009247, AL049832, AP000068, AP0000501, AC005225, AF126403, AC006530, AC005988, AC005005, AC004223, AC002375, AC004933, AC000379, AF038458, AC005702, U82828, AC004491, AC006111, AC005088, AC005482, AC004686, AC000353, AC005753, AP000059, AP000044, AP000112, AL118516, AC000097, AC006547, AL079304, AL035089, AC000025, AF001548, AC005632, AC005291, AL050333, AP000055, AC004125, AP000116, U89337, AL035407, AL021579, AC007130, AC004216, AF030453, AC004805, AC008009, AC005484,
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			AC007041, AL050318, AL096712, AC005231, AC005412, AC005620, AC003101, AL133371, L78810, AL079342, AC009509, AC005881, AC005023, AC004796, AL008730, AC004024, AF001550, AL021368, AL133245, AC004821, Z98946, AL022396, AC006487, AC007193	AA6533541, AA864815, AL035587, AC000025, AC005037, AC005527, AC006946, AF047825, AC004921, AC005529, AL031683, AF121781, Z99495, AC005071, AC005722, AC005484, AC007216, AL031255, AC005632, AC005288, AC002549, AC006238, AC004041, U95740, AL009031, AC0002326, AC004913, AC005004, AC005829, AC004966, AL109628, AL050318, AL096702, AC004000, AC004655, AD000092, L78810, AL139054, Z85987, AL133245, AL109984, AC003663, AL078584, AC007055, AC006487, AC004491, AP000151, AC003041, AC005531, U91327, AL031657, AP000512, AC006117, AC005839, AF060568, AC005578	AI346026, AI962859, AI913561, AI472009, AI310418, AW029442, AI299771, AA211594, AI926843, AW073920, AW002745, AI267539, AA328951, AI439422, AI025251, H89260, R64087, AA401091, R62957, AA443413, H58246, R63010, H02733, H03899, AI590100, H03888, AI174264, R26971, R82805, N50199, H02624, R26739, AI874342, AA709363, AA094718, D82321, AL133603, E16311	AI652734, AA579977, AI655783, N75947, AI925248, AW372172, AC000386, AC008165
973	HWBBH79	875309	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 397 of SEQ ID NO:973, b is an integer of 15 to 411, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:973, and where b is greater than or equal to a + 14.			
974	HJMAF44	875310	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 929 of SEQ ID NO:974, b is an integer of 15 to 943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:974, and where b is greater than or equal to a + 14.			
975	HWLWT47	875311	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a			

			is any integer between 1 to 705 of SEQ ID NO:975, b is an integer of 15 to 719, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:975, and where b is greater than or equal to a + 14.	
976	HWLVG85	875312	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:976, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:976, and where b is greater than or equal to a + 14.	AA403039, AA772356, AA890039, AA706235, AI796685, W56103, AA639769, AA707393, AI971384, AI400642, AI419056, AA931654, AI074056, AA725449, AI278287, AI051080, AA934509, AI056195, AI827412, AA291642, AA252870, AI278795, AI077777, AI344740, AA855074, AA287208, N99681, AA625359, AA707796, AI085793, AA910676, AI375275, AI277706, AA968653, AA482049, AI040845, AA004744, W56146, AA128102, AI038120, AA926651, AI808622, W42934, AI1241340, AI419232, AA481865, AA938251, N62191, AI350660, AA846421, AA928335, AA987944, AA805065, AA325681, AI188852, AI266586, AA401330, AI022609, W37593, AI459456, AA514539, AA480369, AA938533, AA694474, AA694542, AA642598, AI085080, R55037, AI719065, AI022981, AI868718, N94983, AW204000, H62802, AA284488, AA125812,
977	HMVDQ41	875313	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1980 of SEQ ID NO:977, b is an integer of 15 to 1994, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:977, and where b is greater than or equal to a + 14.	

		H62716, H41118, AA639530, T49454, T49455, H42251, T36167, AI350924, AA782685, AA252893, AI051453, R10302, AA214099, W86591, N76488, H42250, N59273, R36922, AA781103, AI191721, AA680383, H22403, N71946, W19456, R10303, AA977361, H22370, W42869, R55145, W37488, AI309601, R10631, R10632, N76744, AA213991, T24749, AA725118, R55007, AA090452, AI247921, AW028468, AI084241, H58310, AW058434, AL137496, I76236, I76219, AC005373, AC006584, AF111168, AC010205, V00589, X57170, AC007182, AC007221, AB019437, X06789, J00063, AF193582, AF193580, AF193585, AF193581, AF193586, AF193587, X71804, AF193590, AC006449, X83747, X83748, AF193588, AF193591, X71799, X71800, X71797, X71802, M10817, AC005409, X83746, X12811, AF193592, X12622, X16851, X58365, AC004787, AB015590, X04309, AF099810, AC005284, V00647, L49397, X58368, M35175, X04308, K01374, X58367, M74438, X83749, X63147, J01861, M13919, M13920, R01537, X63146, X63145, V01426, J01009, AC007955, AJ245808, AL050331, X56635, X56631, X63148, V00648, S73106, X56637, M13375, X56632, AB001499, AP000350, X56636, K03511, K03510, AB001495, AB001492, AB001493, AB001494, AB001498, AB001503, M13921, X05867, AB001501, M18680, AC006120, S73107, AF176349, AF176497, AF176498, AF176500, AF176499, X71805, AB007776, AB007777, AB007778, AB007779, AB007780, AB007781, AB007783, AB007784, AL031320, AF176501, X70229, M21177, AC002123, AJ009866	N40168, AA903100, AA983690
978	HCQCM79	875316	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

			is any integer between 1 to 597 of SEQ ID NO:978, b is an integer of 15 to 611, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:978, and where b is greater than or equal to a + 14.	AI936477, AI760800, N51980, AI521742, AA209439, AI1374694, AI214467, AI357082, AW242076, AA2336684, AA907828, AA465245, AW007908, AA374833, T23960, AI933740, H44856, AA731295, H27880, AI312778, AA465602, AA526524, AA885259, AW130297, N53813, AW379545, AI902418, AI768812, A30438, I25947, U46128, L40401, AJ133038, AR040601
979	HMSGP80	875319	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2483 of SEQ ID NO:979, b is an integer of 15 to 2497, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:979, and where b is greater than or equal to a + 14.	AL043536, AA853979, AI885906
980	HCRNJ78	875324	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 638 of SEQ ID NO:980, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:980, and where b is greater than or equal to a + 14.	
981	HWLOY24	875325	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AI560615, AA806114, AI274667, AI972210, Z28533, AI1249498, AW242125

			is any integer between 1 to 309 of SEQ ID NO:981, b is an integer of 15 to 323, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:981, and where b is greater than or equal to a + 14.	
982	HDQFG33	875331	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 389 of SEQ ID NO:982, b is an integer of 15 to 403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:982, and where b is greater than or equal to a + 14.	AW009946, AW023737, AA868475, AA603869, AI439406, AW376950, AW376951
983	HWBCW8 0	875332	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 754 of SEQ ID NO:983, b is an integer of 15 to 768, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:983, and where b is greater than or equal to a + 14.	W02027, N39337, AI630995, AI083528, AI697051, AI247382, N39162, AI271827, AA872265, AA490895, N29586, H26439, H63435, H50760, T94899, H61515, H69265, R00446, H63383, H68397, H65294, H71156, H62664, H50667, H81984, AI244094, H59693, H62019, H62018, H61498, AA233137, N73997
984	HCRNL77	875336	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AL049780, AC007055

		is any integer between 1 to 120 of SEQ ID NO:984, b is an integer of 15 to 134, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:984, and where b is greater than or equal to a + 14.	AW149514, AI830822, AA313786, AA307529, T39891, AA460891, AW249187, W24503, AA295205, R85532, R85503, AI167901, AW058638
985	H2CBI34	875338 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1120 of SEQ ID NO:985, b is an integer of 15 to 1134, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:985, and where b is greater than or equal to a + 14.	AA443424, AA194021, AA305110, AA761642
986	HCYBD76	875341 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 733 of SEQ ID NO:986, b is an integer of 15 to 747, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:986, and where b is greater than or equal to a + 14.	W03527, AI554702, H68064, H30201, AF085882
987	HKMMQ0	875346 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	8

		is any integer between 1 to 596 of SEQ ID NO:987, b is an integer of 15 to 610, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:987, and where b is greater than or equal to a + 14.	AA353719, AA369529
988	HILCJ69	875347	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:988, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:988, and where b is greater than or equal to a + 14.
989	HDPGF81	875355	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1467 of SEQ ID NO:989, b is an integer of 15 to 1481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:989, and where b is greater than or equal to a + 14.

		AA044254, AI538053, AW193214, AW087234, AI521053, AI923915, N52689, AW190439, H46483, W57690, AI620841, W02038, AA912451, AI474944, AI918208, T31139, A1561309, AA040108, N49760, T05793, AI926041, T05288, A1657169, AA044278, AA603591, T23448, F04322, AA069342, AA614022, W32237, AI878904, AA904818, H06128, AA523189, AI761161, AA905571, W57691, AA525537, AA594528, AA379468, H54737, A1872060, AW175844, AI801122, AL050221, X67209	AA480091, AI879485, AW157080, AI800618, AI799722, AA044254, AI951795, AI361036, AI888307, W57690, AA040108, AI805156, AI889480, AA069342, AA621805, AI801367, AA397622, AA379468, AI954055, AI289074, AI921223, AL050221	AA706817, AA773629, D51212, N32643, AI082719, AI264019, AI686227, AA922548, AI417059, AA814077, AA459575, AI804037, N23178, AI564799, AA459354, AI432439, W47132, AA410398, AI240317, W47094, AI540566, AI926061, AA588478, N36649, N26018, Z44328, AA804214, AA255499, AW378197, AA993408, AI287595, AA621390, AW362612, N33795, Z40279, AL041421, AA828013, AI565204, AA094833, N24918, AA722135, AW378140, AI758416, AA090679, AA252423, AA252368, AA314490, AI582604, AI379546, AA716597, AA256705, AC007279	AI769545, AI083549, AA278686, AA969411, AW272214, AI810567, AW139507, AW450854,
990	HUSGQ41	875356	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 401 of SEQ ID NO:990, b is an integer of 15 to 415, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:990, and where b is greater than or equal to a + 14.		
991	HPMFC89	875360	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:991, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:991, and where b is greater than or equal to a + 14.		
992	HWLWK3	875364	Preferably excluded from the present invention are one or more		

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1043 of SEQ ID NO:992, b is an integer of 15 to 1057, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:992, and where b is greater than or equal to a + 14.	AA888094, AA731153, N50114, T92516, AI686375, AA534901, AA814837, AI701783, AA688070, AA732661, AA651793, AA742239, AA905390, AW401639
993	HSYAG49	875366	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1081 of SEQ ID NO:993, b is an integer of 15 to 1095, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:993, and where b is greater than or equal to a + 14.	AA447252, AI095481, AA452700, AW204320, AI276802, AI648576, AA338661, AI264425, AW301092, AI648446, AA642616, AA158010, R17628, AF050078, AF050079
994	HAGFQ75	875367	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 364 of SEQ ID NO:994, b is an integer of 15 to 378, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:994, and where b is greater than or equal to a + 14.	AL008718, AC005899, AL109952, AP000112, AP000044, AL023494, AC005071, AJ003147, AC004836, AF196972, AL109758, AC004526, AC002430, AC002400, AC007384, AC005189, AL117338, AC003006, AL139054
995	HCHMQ74	875371	Preferably excluded from the present invention are one or more	AA305616, AW001611, AC006057

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 426 of SEQ ID NO:995, b is an integer of 15 to 440, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:995, and where b is greater than or equal to a + 14.	
996	HCQCL42	875372	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 208 of SEQ ID NO:996, b is an integer of 15 to 222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:996, and where b is greater than or equal to a + 14.	AA836231, AI694593
997	HIFOB15	875373	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 758 of SEQ ID NO:997, b is an integer of 15 to 772, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:997, and where b is greater than or equal to a + 14.	AA113257, AA159552, AW387067, AW338817, AI925565, AA847565, Z48314, AJ001402, U06711, AJ001403, AF054584
998	HCRMB64	875377	Preferably excluded from the present invention are one or more	AA777474, AI651999

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 538 of SEQ ID NO:998, $b$ is an integer of 15 to 552, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:998, and where $b$ is greater than or equal to $a + 14$ .	
999	H2LAB72	875378	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 667 of SEQ ID NO:999, $b$ is an integer of 15 to 681, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:999, and where $b$ is greater than or equal to $a + 14$ .	AA284111, AI633503, AI034282, AA584306, AI075794, W46891, AA676660, AI193416, AI918696, AA308007, AI023433, AA778751, W92702, AF154107, AJ245539
1000	HE8OD44	875379	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 675 of SEQ ID NO:1000, $b$ is an integer of 15 to 689, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1000, and where $b$ is greater than or equal to $a + 14$ .	AI963880, W42534, AI365508, W42487, AF088031
1001	HCRMZ16	875380	Preferably excluded from the present invention are one or more	R19693, R53125

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 529 of SEQ ID NO:1001, b is an integer of 15 to 543, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1001, and where b is greater than or equal to a + 14.	
1002	HWLMT75	875381	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 455 of SEQ ID NO:1002, b is an integer of 15 to 469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1002, and where b is greater than or equal to a + 14.	AI676059, AW170620, AW074092, AW073701, AI580870, AI523736, AW078677, AI923975, AI393326, AI700229, AW450814, AI671457, AA937534, AI889694, AW339423, AW291875, AA551874, AI682314, AI926227, AW238350, AW088471, AN397375, AI270662
1003	HWLMT21	875382	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 529 of SEQ ID NO:1003, b is an integer of 15 to 543, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1003, and where b is greater than or equal to a + 14.	R42621, AA832189, AA521316, AA837180, R44106, H62203, N71094, H10053, AI913954, AA833669, N91131, AW025339, AA991917, AA687795, AI824854, AI379265, AI186373, AI971502, H05411, N75423, AA224317, AA588019, H92193, AI658599, AA948117, AI434941, AI823918, H59855, AI340614, AA865670, AA830938, AA815207, AI560789, AA621708, AW338454, AI187049, R16875, AA233166, AI660185, N34558, AA465672, AA040736, AA932524, AA677347, AI538271, AI656797, AI580706, AC003029
1004	HCEMB73	875384	Preferably excluded from the present invention are one or more	AI934461, AI689718, AI084857, R51423, N39408, AA199665, R17548, AI279271, AI290951, N48522,

		polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 881 of SEQ ID NO:1004, b is an integer of 15 to 895, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1004, and where b is greater than or equal to a + 14.	H91945, R51311, AA323134, R18868, R42885, AI302336, D80493, AA723014, AF071086
1005	HWLNF24	875385	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 749 of SEQ ID NO:1005, b is an integer of 15 to 763, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1005, and where b is greater than or equal to a + 14.
1006	HHHNC74	875388	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 339 of SEQ ID NO:1006, b is an integer of 15 to 353, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1006, and where b is greater than or equal to a + 14.

		AW352158, C14227, AI910186, C14407, D81111, C05695, D80247, AW352117, AW176467, AW375405, AW377671, AI905856, AW366296, D80439, AW360844, AW375406, AW360817, AW378534, AW179332, AW377672, AW179023, AW178905, Z21582, D80157, AW352170, D59373, D80302, AW378540, AW377676, AW352171, D59627, AW178906, AW177731, AW177505, AW178907, AW179019, AW179024, D51097, T11417, AW352174, AW179020, AW360841, AW178909, AW177456, AW179329, AA285331, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, AW360834, AI557751, AW179004, AW367967, AW179012, D51213, AW178914, D51759, AW378525, D51103, C14077, AW177722, AW177728, D58246, D59503, AW179009, AW178774, AW178911, AW378543, AW352163, D59653, AW178983, AW352120, D58101, AW178781, D80014, T48593, D45273, D80258, C06015, C03092, AW177508, AW177723, AI535B50, H67866, C14975, AW378533, D45260, D80228, AW367950, AW177497, T03116, H67854, AW378539, AA809122, C14344, AI55774, A1525923, AW178986, T02974, D59474, D51231, C14046, D51221, AW177734, AI525917, D59317, C14973, D60010, D59551, AI525920, AI535686, AA514184, C14957, D60214, T03048, AI525227, AI525235, AI535961, H67858, C16955, AI525242, Z33452, AI525912, AW378542, AI525925, AI525215, C05763, AI525222, C13958, AW360855, A62300, A84916, A62298, AJ132110, AR018138, A67220, D89785, X67155, AF058696, Y17188, D26022, A25909, D34614, A78862, AR008278, I82448, AB028859, D88547, X82626, Y12724, AR025207, A82595, A94995, AR060385, AB002449, AB012117, AR008443, X68127, AR066482, I50126, I50132, I50128, I50133, A85396, A44171, U87250, A85477, I19525, A26615, AR052274, A886792, AR066488, AR016514,
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			AR060138, A45456, X93549, AR066490, J14842, Y09669, A43192, A43190, AR038669, I18367, AR066487, AR054175, A30438, D88507, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AF135125, D13509, A64136, A68321, AR060133, I79511, X72378, U87247, U79457, AF123263, AR032065, X93535, AR008382
1007	HCRNF23	875391	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 532 of SEQ ID NO:1007, b is an integer of 15 to 546, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1007, and where b is greater than or equal to a + 14.
1008	HFXKG78	875397	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4001 of SEQ ID NO:1008, b is an integer of 15 to 4015, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1008, and where b is greater than or equal to a + 14.

	AI690922, AA938151, AW070493, AA411116, W74415, N23604, AI221953, AA602575, AI811917, AI751236, AI359310, AI039259, N24925, AI521595, AW197266, AL135569, W26217, N29889, AA417035, AA554470, AW044504, AA456270, AA679818, AI290272, AI276409, AI423707, N42537, AW028471, R81905, AI807058, AI54433, AW074118, AI357727, H10656, AA581544, AW389416, AW339084, AI500169, H05880, AW051853, AA206968, AI223834, AI376996, AA454655, AI702899, AA989241, AA179471, AI039744, R66934, H29952, H10657, AI905512, AI889371, AA831961, AA013167, R60075, AI864062, AA179545, AA664263, R81801, AI420823, W24240, AW273094, AA223852, AW025301, AI355769, H02924, AA609775, AW341188, AA883592, AI350607, AW136375, AA298021, AA342023, AW135532, AA889804, AI910384, AA598801, H04228, H02129, R66935, AA780989, A1991758, AA248809, AA358737, AA165472, AA095309, N23603, AI476559, R60015, AA430224, AA432347, H29859, H77511, AW085318, N33801, H02028, W79344, AA852581, AA852580, AA297879, AA429648, AA298838, AI307394, AA298495, AW364117, C16159, H77512, AI699272, AA370057, AW276239, AA224135, AA298910, AA987876, AA082377, AI470432, AI274422, H98159, H05773, AI867279, T73175, AA342024, R39484, F34597, AA732321, AI625037, AW166595, R27681, R80024, AA089953, AA358736, T73077, D11682, AA252093, AW166602, AA298907, AA179495, R79934, AL039520, R27582, D62938, N48852, AA179467, AA213504, AA249343, AA279006, AW084308, AA165392, AI933446, AA782244, AA626274, D59405, AA837082, AA593200, AA936036, D82688, R57332, W79444, C02511, T27327, F13640, AA213432, AA622115, AA278207, AA094933, AA095138, AA298976, F32043, AI926085, AI969655, AI561356,
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		AW089275, AW089844, AI002285, AL047100, AI815855, AI627714, AI500061, AI433157, AI702073, AI633125, AI698391, AI918435, D87684, AC006336, U95739, A77033, A77035, I89947, AC004093, L13297, AJ005690, AL137480, AL117443, AL080110, AL137627, AL137459, AF061981, AL133568, AL080156, AL137550, M92439, AR038854, AF090900, AF126488, X87582, AF180525, AF090901, I48978, AC007559, AF090934, AL080159, Y14314, A03736, X82434, AL117435, AL049283, AL137529, Z97214, S78214, S82852, AF090903, AL137533, A08907, AL080148, A15345, AL137530, AL137523, AF057300, AL137271, AF057299, AF177401, I32738, AL133112, AL117463, A08913, AF111849, AL137539, AL110225, AF087943, Z82022, AL137488, A08912, U35846, U88966, Y16645, A65341, AF047716, AL050149, AF125948, AR011880, X72387, AL04996, X63162, AL133049, I33392, A08910, AJ012755, E12747, A08909, AF065135, AL137478, AL122104, AC007390, AF113677, AF175903, AF153205, I30339, I30334, I09499, AL137294, AL050366, A08911, A08908, AL133640, A76335, AF118090, AF031147, AL096744, U42766, X72889, D83032, U67958, AF113699, S77771, AL023657, AL110228, AL133113, S76508, AL049347, AL022147, AF113019, S78453, AJ238278, AL133560, AR013797, AF126247, AF067728, AL122100, AL137275, AL122118, E01614, E13364, AB029065, AL080163, I89931, AF100931, AL049382, X70685, AL117416, A49139, AF183393, AL117460, AL050138, AF104032, I08319, I49625, AL117648, AL122110, AL035458, AF031903, AF210052, AL137538, AF039138, AF039137, AL080057, AF102578, A21101, Z35309, AF026816, AC006039, AL133558, Y11587, X83544, AL133088, U90884, AL133067, AF026124, Y09972, AL122045, L04504, AL117457, AF061943, AL137292, I48979,
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			S36676, E05822, AJ000937, AF111851, E08631, AF185576, AR034821, AL110280, AF146568, A18777, S61953, AL110171, X98066, AB016226, AF017437, AF022813, A08916, E02349, I52013, U68233, I92592, AL133075, AL049466, AL133061, AL137476, D16301, AL133665, AL133080, AR020905, A18788, AL137526, AL133093, AL110158, AL137558, AF158248, S68736, U91329, I89934, AC006313, AF106862, AF113694, AL137283, X79812, AL050277, D44497, AL050172, AL117583, AL080162, AF151109, U66274, A58524, U68387, AL080126, AF139986, AL122121, AF032666, U54559, AL122049, AL049339, AL110196, AL110197, X89102, A12297, AF079763, M27260, A58545, AC004797, I68732, I35495, A58523, AF067790, AF182215	D61574	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:1009, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1009, and where b is greater than or equal to a + 14.	AI275431, AI168345, AA406609, AI280460, AA411636, AI627293, AI628781, AI241297, AA317871, AA598485, AI360110, AI968510, AI498174, W02842, F34577, AI697614, AW079061, AI200289, AI804773, AA502751, AI694751, AW173045, AW300325, T49800, H85591, AA993934, AA468896, AA098853, H86495, AA039749, AA889681, AA909667, W87459, AI764965, AW083698, AC005746
1009	HPPFG11	875402				
1010	HCRG59	875405				

		nucleotide residues shown in SEQ ID NO:1010, and where b is greater than or equal to a + 14.	
1011	HLYBH74	875406	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1011, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1011, and where b is greater than or equal to a + 14.
1012	HBGNK79	875410	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 924 of SEQ ID NO:1012, b is an integer of 15 to 938, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1012, and where b is greater than or equal to a + 14.
1013	HCQCX73	875415	Preferably excluded from the present invention are one or more polynucleotides comprising a

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1013, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1013, and where b is greater than or equal to a + 14.	AI610362, AW149925, AI270183, AI570989, AI802542, AL045500, AI624543, AL041862, AL042628, AL046926, AI570807, AI045266, AI923989, AW082113, AI932794, AL036638, AI499285, AI698391, AI433976, AI889189, AI433157, AW151136, AI1815232, AI539771, AI582932, AI537677, AI500659, AI554821, AI269862, AI274508, AI801325, AI500523, AI284517, AI500706, AI445237, AI491776, AI151138, AI521560, AI500662, AI284509, AI889168, AI866573, AI554344, AI633493, F27788, AI434256, AL042745, AW022682, AI888661, AI284513, AI888118, AI440252, AI805769, AI121286, AI950892, AL045774, AI049085, AI452560, AI648509, AI569583, AI288285, AL042551, AW079572, AI491852, AI917252, AI927755, AI571439, AI364788, AI439745, AI610895, AI470648, AI468872, AI624548, AW104836, AI554245, AI042627, AI497733, AI889147, AI636588, AI048323, AI344785, AI591420, AI569579, AI539028, AW301409, AI611738, AI811785, AL040243, AL046942, AI648502, AI620284, AW268220, AA806720, AI334450, AW071417, AI308032, AI045903, AI866770, R36271, AI345557, AW029611, AI866510, AI612913, AI494201, AI254731, AI584140, AI537515, AI679179, AL036901, AW051258,
1014	HWLQG73	875416	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 218 of SEQ ID NO:1014, b is an integer of 15 to 232, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1014, and where b is greater than or equal to a + 14.	

		AL079977, AI619502, AI890223, AL047763, AI564719, AI281772, AL048340, AW268122, AI866090, AW167918, AL047675, AI677796, AW118518, AW088899, AW026882, AL042787, AI134830, AI275175, AI826225, AI670009, AI539847, AI702073, AI306705, AL119748, AI923370, AW190042, AI564259, AI610402, AW194441, AI633125, AI963846, AI499463, AI801152, AI915291, AI926790, AI874261, AW020561, AL039276, AI432656, AI632408, AI798456, AI433037, AI824576, AI933589, AI635067, AL045620, AL037454, AL048312, AI934011, AI564765, AI630928, AI874166, AI687287, AI815855, AA225339, AI273085, AI620003, AI288305, AI249375, AI678357, AI045163, AW073994, AL039086, AI889953, AI345416, AI273843, AI345612, AW023859, AI440239, AI932966, AI571909, AW132056, AI702068, AI174394, AI628331, AI869367, AI683099, AW080746, AI952920, AI436429, AI434134, AI345415, AI335209, AI280732, AW169604, AI431909, AI829327, AI432666, AI862144, AI349598, AI537273, AL119399, AI886753, AW269097, AI436456, AI872300, AI539153, AI627988, AW151729, AI889376, AW129659, AL036403, AI524671, AI567940, AL134999, AI521012, AI802833, AI699011, AI955866, N80094, AI817244, AI521596, AI934035, AI285448, AW083804, AW087445, AW166583, AW050522, AI956080, AW131294, AI345347, AI285826, AI579901, AI863014, AI251221, AI521594, AI890833, AI916419, AI499512, AW163834, AL119863, AI340603, AI889133, AI921248, AI500061, AI306613, AL047422, AI922901, AI567993, AI932638, AF106862, AL122049, AF090900, AL122110, Z82022, I89947,
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	I48978, AL117435, AL1137271, AL133557, AL080124, AF113019, A77033, A77035, I48979, U35846, AL133560, AF113677, AF158248, AJ238278, AL117457, A08916, A65341, AF017152, X93495, AL137550, A08910, A08909, AL133080, AL049382, AF067728, AL122098, AF104032, U67958, AL080159, AF113691, AF090903, AL110221, AL133075, AL133072, A08913, AF017437, AF118094, AF177401, UB0742, AF113694, X82434, Y16645, AJ012755, AF091084, AF183393, AL050116, AL133077, AF078844, AF113690, AL049452, AR059958, AF000145, AF090934, AL137557, AF111851, AL137538, AL117460, X72889, I03321, AF118070, AL137463, U42766, AL122121, AR011880, AF026124, AL050108, E07361, I89931, AL137560, AL133016, AL096744, S68736, AL050393, A03736, U72620, A58524, A58523, I49625, AL133640, E02349, AL133565, AF090943, Y11587, AL122050, I33392, AF113013, AL122093, AF057300, AF057299, AL110280, AFC81197, AF113699, AL137459, AL050149, AF113676, AF090896, AL050138, AF061943, AB019565, AL117583, X84990, AL117585, AF125948, AF090901, AL133113, AL122123, U49908, AL049466, E03348, AF113689, AJ009937, Y14314, AL137521, AC004686, AF087943, AL049314, AL050277, AL133014, S78214, AF026816, AF003737, I42402, A93350, AC002464, AF097996, Y11254, AL049430, X70685, AL050172, AF185576, X63574, X96540, E15569, AF162270, I09360, AL050024, AL110196, U00763, I26207, AJ242859, AL080127, L31396, X65873, AL133606, AF079765, L31397, AF119337, AL049464, AL110197, AL117394, A12297, AC005156, AL133067, E07108, AL080060, AL049938, AF146568, AL080137, AF081195, AL049300, AF118064, L30117, AL137648, AF125949, AL050146, AL110225, A93016, AL133093, AL049283, A08912,
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			AL137527, AF111112, AL137556, Z82206, AC004822, AR00496, U39656, E08263, E08264, Z84814, AL034417, AC006222, AL137533, AL117440, AL137292, AF153205, E02221, AL137480, X98834, AC004383, AC007056, AC007458, S61953, AL137526, AC005048, AL110222, AF061573, U91329, AC009501, AC004594, AR038969, AL080148, AL137476, AL133104, AC005488, AF111849, AR038854, AL133098, Y09972, AF008439, AC006112, AC007392, U58996, AF079763, X53587, AL137283, L19437, AC0033001, AC006115, AL133568, AJ006417, AL022165, I00734, AL080074, U66059, A07647, E08631, E00617	H75975, AA431948, AI453095, AW183431, H97697	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1015, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1015, and where b is greater than or equal to a + 14.	AI023512, AI985187, AA206421, AA858212, AW268700, AA374096, R66513, AW268978, AI003582, AI087966, AW303698, AI222672, T87896, R84690, D62434, N99668, D59600, AF131768
1015	HMSIB72	875417				
1016	HWLWMC85	875418				

			than or equal to a + 14.	
1017	HCRNH72	875419	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1273 of SEQ ID NO:1017, b is an integer of 15 to 1287, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1017, and where b is greater than or equal to a + 14.	AI985187, AW268700, AA206421, AA858212, R52339, AA740228, AI023512, AA749275, AI222672, AW303698, T87896, R66513, D51928, R67347, R84690, Z39964, F03134, N4396, R40370, AA503490, D62434, D51716, R39023, N99668, C02069, AA374096, D59600, AF131768
1018	HSDHD72	875423	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 448 of SEQ ID NO:1018, b is an integer of 15 to 462, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1018, and where b is greater than or equal to a + 14.	
1019	HCQAB70	875425	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1019, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1019, and where b is greater	N27979

1020	HCQDN71	875427	than or equal to a + 14.	N94198, AA136314, H90781, H83190, R09097
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 736 of SEQ ID NO:1020, b is an integer of 15 to 750, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1020, and where b is greater than or equal to a + 14.	
1021	HCQCQ73	875428	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1319 of SEQ ID NO:1021, b is an integer of 15 to 1333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1021, and where b is greater than or equal to a + 14.	AI799085, AI472055, AI928190, AA805656, AA813952, AI439157, AI004303, AI061354, AI858450, AA825684, AI249804, AA251281, AA761496, W26450, AI636131, AA573512, W02895, AI355020, AW369621, AW369637, AI367189, AI904017, AI904022, AI521039, T61456, T25898, AI904093, AA911766, AW390240, AI904090, AC004955
1022	HCQAW10	875429	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:1022, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1022, and where b is greater	AC004013, AJ010770

1023	HCRNE71	875433	than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 511 of SEQ ID NO:1023, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1023, and where b is greater than or equal to a + 14.	AA969932, AC000048, AR001316
1024	HWLNY71	875434	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 894 of SEQ ID NO:1024, b is an integer of 15 to 908, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1024, and where b is greater than or equal to a + 14.	AA147981, AA687815, AI434923, AA747023
1025	HTXSH02	875437	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1025, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1025, and where b is greater	AI393917

			than or equal to a + 14.	
1026	H2CBL70	875440	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 873 of SEQ ID NO:1026, b is an integer of 15 to 887, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1026, and where b is greater than or equal to a + 14.	AL135150, AA436897, AA307476, AA461263, AA626419, AI693521, D79997
1027	HNFFQ01	875441	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 447 of SEQ ID NO:1027, b is an integer of 15 to 461, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1027, and where b is greater than or equal to a + 14.	AA024940, AA311483, AA085629, AF008442, AF047441
1028	HCRMD70	875442	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 909 of SEQ ID NO:1028, b is an integer of 15 to 923, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1028, and where b is greater	C14427, C14394, D80309, AA912463, DB0304, AI002558, D59721, C14215, AA455562, AW366372, N75779, T99953, AI803887, AI811603, AA808175, AI440263, AI241901, R41605, AW055075, AL040207, AI581033, AI345688, AI623941, AA908294, AA641818, AI567582, AW161579, T66952, AI741158, AI571439, AI540674, AI254226, N29277, AL040161, AI135047, AI587000, AI866465, AI252077, AI080011, AI299303, AL039716, AI435999, AI590043, AW274192, AW160905, AL038069, AI557104, AW078606, AA648402, AW022636,

		than or equal to a + 14.	AI285514, AI041150, H41759, AA580663, AW074702, AA830406, AI954293, AI219380, AW020710, AI567971, AI891125, AI621341, AL048323, AW149876, AI250627, AW020373, AL048340, AI923989, AI818574, AA928539, AW089844, AI784233, AI002285, AI273791, AI915291, AI859991, AW020095, AI798456, AI924051, AL046944, AI473536, AI700158, AI919500, AW079432, AW059828, AL047005, AI619587, AI249497, AA857847, AI698391, AL036705, AW075382, AI683395, AL047100, F37323, AI345415, AI679959, AI815232, AI702527, AI811840, AI446538, AI628325, AI133475, AW021717, AI887430, AW265004, AI590943, AW300782, AI349012, AI682640, AI827154, AI318603, AI439527, AI251485, AW300889, AI279925, AI589428, AI612852, AL042098, AW021256, AW303152, AW087455, AW083826, AI114461, AI148113, AI742728, AI476480, AW020397, AI633125, AI927233, AW161156, AI287233, AI538805, AI345778, AI801325, AI120695, AW148841, AI491852, AW152182, AW162189, AI590630, AW027898, AW118353, AI500514, AA641644, AI611717, AW161202, AI436438, AW089221, AI738854, AI656270, AW161098, AI096432, AI921197, AA587590, AW410302, AW020415, AI670009, AW051059, AI289310, AW059766, AW168828, AI521005, AL043152, AI890907, AI804505, AI491904, AA693354, AI394522, AI282346, AI524608, AA806534, AA665669, AI918554, AI860476, AI669639, AI557238, AI620944, AI121365, AA769318, AW002807, AI691131, AI538885, AW023072, AI587121, AI570884, AW022084, AL039430, AI918449, AI291601, AI345557, AI889147, AI638644, AI687130, AW198090, AI679506,
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	AI811192, R20540, N49165, AI567961, AI537244, AW157096, AA652505, AI924686, AW019988, AI648454, AI797538, AI274515, AI679452, AW050781, AI889189, AW162194, AI524654, AI536685, AI280751, AI538564, AI352274, AI797908, AW090206, AI282930, AW023859, AI471909, AL134712, AI624993, AA809897, AI432644, AW188595, AI690813, AI524179, AC005968, S633521, Z72491, AF079763, AL110296, U72621, I32738, J05277, AF159148, AB016226, AL137550, AL133640, X06146, AL117435, I48978, AL137271, AL137281, AF158248, AL133067, AF210052, AB029065, AC004213, U95114, AF090886, AL133112, X65873, AF113690, AF145233, AL117626, AL050280, I33392, AF069506, AF031147, AL133558, AF090901, A65340, X70685, X72624, AF141289, AL050172, AF177401, AF077051, AL117648, X60786, AL137560, U55017, AF111849, X67688, AL137529, AF039138, AF039137, U92992, AL137284, AJ010277, A77033, A77035, M85164, U42766, AL110218, AR038854, AF175903, I09499, AL137267, A08910, A08909, Y11254, X63162, AF090900, S36676, AF097996, I52013, X86693, AL137555, AF043642, AF106862, A08908, AF118090, I46765, AF017152, AF146568, AF042090, AL035458, AL122110, AL050116, AL133010, AL122123, U49908, A08907, AL137530, AL137459, AL096744, AJ005690, Y10655, AF118094, AL137557, AP000020, AJ000937, Y10936, AF036941, A76335, E12580, U62966, AL137547, AL137658, AF115410, AC007172, AF167995, AL049283, AL122104, M27260, AL137533, AL080156, AF044323, AL096751, X63410, AR020905, AC002464, AR068753, AL137258, AF183393, AF142672, A08912, S77771, A03736, AF182215, D16301, A08911, E12747, A18777, AF113019, AL122103, AB031064, I48979, AL133080, AF153205, E12579, AL12210,
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			U87620, A07647, AF180525, AL080148, U35846, AF104032, AL137479, AL137537, AF113694, AF111851, Y09972, Z30970, I68732, AR011880, S76508, A21101, 189947, A08913, S75997, AL133104, A76337, AJ001039, X52128, X84990, M96857, I26207, AL096728, L04504, AF061573, X72889, A18788, AL133665, AF078844, I89931, AF091084, A91160, AL137558, A91162, AR068466, X53587, L24896, I89934, I89944, I49625, AF082526, AF087943
1029	HWLWX5 4	875446	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 477 of SEQ ID NO:1029, $b$ is an integer of 15 to 491, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1029, and where $b$ is greater than or equal to $a + 14$ .
1030	HDTBL01	875452	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 919 of SEQ ID NO:1030, $b$ is an integer of 15 to 933, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1030, and where $b$ is greater than or equal to $a + 14$ .
			AA917956, AI078015, AA625053, AI308830, AI348305, AI301350, AI343797, AW339860, AA837028, AI275863, AI025643, AI025649, AJ236591 AA203532, AI885145, N93693, N41419, AA025727, AA845624, AA004723, AI659644, AA854840, AW027228, AI741432, AI924412, AI096633, AA775840, AI799560, AA861825, AI086427, AI609775, AI332770, AA043284, AI147012, AI093396, AI334098, AW339068, N36820, AI127039, AW152492, AI310403, AI479699, AI333810, W37902, AI026761, AA779438, AW016793, AA846751, AA883270, AA043623, AA481110, AA595137, AA599087, AA004625, W21031, AI493429, AA705148, AA729311, W69693, AI609767, F24839, AI30955, AA147299, AA394002, AA725144, AA847834, AI028144, AA284640, F36989, AI015001, W46526, AA577464, AI074328, AI199865, AA719946,

			AI368754, N46038, AA700697, AI249119, AI284226, AA399341, F26291, H66106, AA639243, AI198805, W37962, AI863889, AI364330, AA639095, H95487, AA834779, AI204589, AA504802, AA480281, W16986, AI300686, H66059, AI184257, H22374, AI357340, AW264139, AA638994, AA025726, H93397, W05101, R33568, AA386074, AI268427, AA731877, H94967, AA282671, AI310952, H81961, AA846871, AA907906, AA983160, AA317755, AI088526, AI033455, AA304404, AA834753, N74712, R33466, N92916, W04851, C03398, AA593219, AA356363, AI095031, AI707597, AW162955, AA147187, AI968038, H93396, T25738, AL137489, AI262007	AI453608, AA114992, AI625087, AI917616, AI697653, A1685132, AA214568, AA938187, AW440559, AI033684, AI280879, AI802985, AW402513, AI1765128, AW340123, AI081775, AI089556, AI912727, AI191349, AW237567, AI631607, AA629942, AW439252, AA261781, AI457255, AA677426, AI333330, AA594467, AI871604, AI1373583, AA664286, AA648405, AA822076, AI168766, AA253066, AI701917, AI890800, AA115482, D60531, AI469082, N95713, AA663041, AI991576, D81517, AA256425, N34227, AA152336, AI160622, AA771763, AA253031, AI222942, AI202632, N26907, AI275770, AI493287, AI767194, AA279479, AA410856, AA148856, AA243606, AA476875, D60530, AA644615, AW418516, D80813, AA256537, C15455, AA329211, AW418997, AI678343, AI095736, AW083585, AA732584, AW172545, AI306494, AA370336, AI215414, AW025846, T55154, AA136197, AA361218, AA738345, D61320, R21425, R21424, R27634, W24870, U46294, D61007, AI268096, AI383220, AA625241, R30798, AI300612, N39793, AA122368, N56522, AA136036, AA213493, AA587977, D19821, AI674553, AW084191,
1031	HTHDF09	875458	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2701 of SEQ ID NO:1031, b is an integer of 15 to 2715, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1031, and where b is greater than or equal to a + 14.	

			AW33833, AAC092089, AA418952, AA846916, T08238, AA370335, AA403140, AA403169, AA298076, AB035725, AF155568, AL109618, AF037448, AF093821, R48826, R98718, R98717, AA164785, AA180971, W25910, W26190, AA094508, AA211559, F20745, Z28918, AI124677	AA188195, AI472757, AA307374, AA186327, AI267372, W38408, AW389218, AA403169, AA313602, AA411147, AW363698, AA403140, AA465343, AA418952, AA411148, AA465413, AA130302, AI566089, AA150638, AI674553, AI289939, AA654252, AI263768, AW178047, AA306863, AI685132, AA207215, AI765128, AI682619, AI084864, T89722, AA164877, AI810057, W92251, AA164876, AI984419, AW003149, AI581394, AA045158, T35450, AA662966, AA130625, AI625087, AA912195, AA995153, T89635, AW341721, AW293378, AI749465, AA130793, AW440559, AA524815, AW085400, AA298076, AW408715, M61969, T39242, AA363926, T89820, AA164208, AA164209, T05188, W39501, R29647, AW361274, AA356549, AI768414, H20250, H20236, H50487, AA401271, AW402513, AA216046, AI493748, AA094744, D12117, AI672427, AA401274, AI991547, D12266, AA885324, AA340617, AA629942, AI270496, AA045116, T89909, AI597900, AI337035, AA370336, AA677426, AI091687, AA142968, W36280, AA594467, AA134141, AA594120, H20156, AA969126, AA664286, AW294501, AI399871, AA613072, H20141, AW183508, AI110749, N56522, AI469082, AF037448, AF155568, AB035725, AF093821, AL109618	AL046056, AC005829, AC003108, AL049872, AB028893
1032	HOHAD26	875460	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2355 of SEQ ID NO:1032, b is an integer of 15 to 2369, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1032, and where b is greater than or equal to a + 14.		
1033	HWLQB70	875461	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a		

		is any integer between 1 to 335 of SEQ ID NO:1033, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1033, and where b is greater than or equal to a + 14.	AAS16030, T93186, R48202, AF086709
1034	HCRNJ70	875462 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 833 of SEQ ID NO:1034, b is an integer of 15 to 847, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1034, and where b is greater than or equal to a + 14.	
1035	HCHAN69	875463 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 521 of SEQ ID NO:1035, b is an integer of 15 to 535, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1035, and where b is greater than or equal to a + 14.	
1036	HDPXJ69	875468 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AL022329

			is any integer between 1 to 511 of SEQ ID NO:1036, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1036, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 986 of SEQ ID NO:1037, b is an integer of 15 to 1000, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1037, and where b is greater than or equal to a + 14.	AA307783, AI928487, AA452227, AA482088, AI394278, AI675154, AI676034, AW364878, AW139920, AI682476, AI347851, AA642892, AA479940, AI091053, AI870992, AI039477, H63416, AI174745, AA002093, AA399509, H00628, R10916, R82783, AA002220, R10231, H63472, AA398368, AI758130, AA478844, U47346, AI864528, AI992031, AA644394, AW207298, AA812485, AA523934, AI202717, C04105, R10969, T49897, AA481986, AL096740
1037	H2CBP05	875474	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 986 of SEQ ID NO:1037, b is an integer of 15 to 1000, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1037, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1038, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1038, and where b is greater than or equal to a + 14.	AI761312, AW372642, AI343498
1038	HWLNO16	875475	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1038, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1038, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1038, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1038, and where b is greater than or equal to a + 14.	N52878, N58847, T93808, T75554, T75553, AI698057, T93860
1039	HCRROC40	875477	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a		

			is any integer between 1 to 907 of SEQ ID NO:1039, b is an integer of 15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1039, and where b is greater than or equal to a + 14.	AW022883, AA195765, R70828, AF195418, AB025412
1040	HWLWW3	875478	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 367 of SEQ ID NO:1040, b is an integer of 15 to 381, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1040, and where b is greater than or equal to a + 14.	AA307716, AW450491, T68887, AI739472, AA081624, AW196447
1041	HWLOU12	875479	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 748 of SEQ ID NO:1041, b is an integer of 15 to 762, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1041, and where b is greater than or equal to a + 14.	AW014954, AA576626, AI765244, AA705936, C00580, AI280144, AI541388, AI799766, AI720050, AI535888, AI535850, AW079508, AI435666, AI309090, AI284672, AI7284682, AI792879, AI733975, AI251416, AI254026, AI307028,
1042	HPTTL69	875481	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	

		is any integer between 1 to 382 of SEQ ID NO:1042, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1042, and where b is greater than or equal to a + 14.	AI792738, AI252565, AI284703, AI252100, AW271923, AI308032, AI344785, AI270983, AI265738, AI254443, AW303109	
1043	HT3BA65	875484	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 482 of SEQ ID NO:1043, b is an integer of 15 to 496, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1043, and where b is greater than or equal to a + 14.	AA380983, AA542870, AA411590, AA283721, AT961232, AA211734, AI364760, W63553, AL121578, M58581, AF196969, AC007796, AC003108, Z48051, AC004170, AC006162, AB023058, L12582, AF055066, AC006111, AB003151, AP000521, AL022723, AC004084, AC004878, Z95115, AC004235, AP000702, AP000701, AC004832, AL035086, Z79996, AC000075, AC000084, AC002491, AC003026, AL035588, AC005839, AC007429, AL117337, AL133243, AC010582, AF205588, U58047, AP001054, U18671, AC002082, AD000092, AC004849, AL049744, AL0222316, AL049712, AC005262, AC002404, AC004876, AC007999, AI251973, Z74617, AF111168, X64467, AL096761
1044	HMSHD68	875486	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 455 of SEQ ID NO:1044, b is an integer of 15 to 469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1044, and where b is greater than or equal to a + 14.	AI631592, AW027723, AI696066, H05108, AI992089
1045	HSUAE53	875490	preferably excluded from the present invention are one or more polynucleotides comprising a	AI914128, AA088296, M85677, D53142, T34322, T31626, T31802, T31463, AI905228, T34175, D55192, AA380386, AI535884, N23605, AA355446,

		nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1388 of SEQ ID NO:1045, b is an integer of 15 to 1402, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1045, and where b is greater than or equal to a + 14.	AA029415, D54331, C15325, AA355201, AA256591, AA034335, D55128, T70488, AA326899, AI091590, AA029490, AW339939, AW150093, AI872098
1046	HTJMN69	875491	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:1046, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1046, and where b is greater than or equal to a + 14.
1047	HMMMD6	875492 8	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 307 of SEQ ID NO:1047, b is an integer of 15 to 321, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1047, and where b is greater than or equal to a + 14.
1048	HCQDM23	875493	Preferably excluded from the present invention are one or more polynucleotides comprising a

			nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 521 of SEQ ID NO:1048, $b$ is an integer of 15 to 535, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1048, and where $b$ is greater than or equal to $a + 14$ .	AI983400, AI673613, AW054915, AA857748, AI991308, AI677743, AI672894, AI475425, AW001307, AI732375, AA327452, AI991039, AI673137, AA327059, AA534503, AI732350, AA523410, AI91842, AW374797, AI688199, AI475214, I95743, M94132, L21998
1049	HHEMO68	875495	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 419 of SEQ ID NO:1049, $b$ is an integer of 15 to 433, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1049, and where $b$ is greater than or equal to $a + 14$ .	W32345
1050	H2CBM67	875496	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 700 of SEQ ID NO:1050, $b$ is an integer of 15 to 714, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1050, and where $b$ is greater than or equal to $a + 14$ .	AA307547, N50913, AW340485, AA724762
1051	HWLWJ34	875498	Preferably excluded from the present invention are one or more polynucleotides comprising a	R36306, H06792, R15198, H17756, AL050343

		nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 363 of SEQ ID NO:1051, $b$ is an integer of 15 to 377, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1051, and where $b$ is greater than or equal to $a + 14$ .	
1052	HWLRLS4	875499	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 797 of SEQ ID NO:1052, $b$ is an integer of 15 to 811, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1052, and where $b$ is greater than or equal to $a + 14$ .
1053	HCRO148	875500	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 452 of SEQ ID NO:1053, $b$ is an integer of 15 to 466, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1053, and where $b$ is greater than or equal to $a + 14$ .
1054	HCRMM67	875501	Preferably excluded from the present invention are one or more polynucleotides comprising a

		nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:1054, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1054, and where b is greater than or equal to a + 14.	AA470029, AW299344, AI754738, AA412216, AI378554, AA236732, AA693510, AI434417, AI082441, AA669879, T79250, AW340374, AA236927, AA258261, AA236743, AI962081, AA770560, C04663, R71348, T79167, AA806372, AA345952, AI769109, T79004, T83261, T90729, AI023542, AI915033, AC013417, D10712, AC007564
1055	HTFNZ86	875502	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2858 of SEQ ID NO:1055, b is an integer of 15 to 2872, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1055, and where b is greater than or equal to a + 14.
1056	HCNCD90	875503	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 538 of SEQ ID NO:1056, b is an integer of 15 to 552, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1056, and where b is greater than or equal to a + 14.
1057	HMVDK54	875508	Preferably excluded from the present invention are one or more polynucleotides comprising a

			nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 857 of SEQ ID NO:1057, b is an integer of 15 to 871, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1057, and where b is greater than or equal to a + 14.	
1058	HCQCV6S	875512	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 530 of SEQ ID NO:1058, b is an integer of 15 to 544, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1058, and where b is greater than or equal to a + 14.	AC006026
1059	HWLNY66	875514	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 583 of SEQ ID NO:1059, b is an integer of 15 to 597, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1059, and where b is greater than or equal to a + 14.	AW272467, AI002871, AW007817
1060	HLYCI65	875515	Preferably excluded from the present invention are one or more polynucleotides comprising a	AW080826, AB023201

		nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1060, b is an integer of 15 to 425, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:1060, and where b is greater than or equal to a + 14.	
1061	HKAAO67	875516	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 579 of SEQ ID NO:1061, b is an integer of 15 to 593, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:1061, and where b is greater than or equal to a + 14.
1062	HCE3W64	875517	Preferably excluded from the present invention are one or more polynucleotides comprising a nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 318 of SEQ ID NO:1062, b is an integer of 15 to 332, where both a and b correspond to the positions of nuucleotide residues shown in SEQ ID NO:1062, and where b is greater than or equal to a + 14.
1063	HKAKX87	875518	Preferably excluded from the present invention are one or more polynucleotides comprising a

		nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2326 of SEQ ID NO:1063, b is an integer of 15 to 2340, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1063, and where b is greater than or equal to a + 14.	AA434587, AI762862, AW190880, AA873016, AW363088, AI434855, N62810, AA873017, AA315480, N31669, AA713673, AI090009, AW297060, AI351557, AA305138, W37783, AA433909, AA713672, AI094632, W37784, AA504102, AA812118, N28827, AI086536, AI493922, AA811274, AA167079, AA459547, AA253280, AA885762, AA723085, AI683305, N23355, AA765542, AA668860, R70637, AI168718, W01322, AI128139, AI494098, AI935670, AA293148, AA234306, AA167028, AI675905, AI473341, AI004524, AA627111, AW044230, AA235416, AI623486, R82735, R656666, H00590, AI431353, H44468, AA935054, AA234396, H03434, T27659, R64224, R64125, R33525, R79785, R79880, AA253233, AA081579, R21415, T99332, H03516, R28580, T99331, D56293, T97190, AA215831, AA011458, AA248735, D62509, R21416, R70534, AA838173, R31206, AA363459, AA204876, T97189, AA011401, AW403913, Z19809, H44434, AR022306, M31468, A74833	AI762621, AI742202, AA446863, AI394107, AW028794, AI221779, AW052092, AA535268, AI183672, AW296681, AA778418, AW297154, AA902908, AI193482, AA476226, C16879, N75843, AA446978, H77651, AW296006, AA621641, D12199, W07640, AI354319, AA906878, W07635, U66075, X95701, D87811, S82462, AF179425, U11889, L22760, U51335
1064	HUSGX12	875520	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1633 of SEQ ID NO:1064, b is an integer of 15 to 1647, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1064, and where b is greater than or equal to a + 14.	
1065	HCNDZ15	875523	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

		<p>the general formula of a-b, where a is any integer between 1 to 238 of SEQ ID NO:1065, b is an integer of 15 to 252, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1065, and where b is greater than or equal to a + 14.</p>	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1081 of SEQ ID NO:1066, b is an integer of 15 to 1095, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1066, and where b is greater than or equal to a + 14.</p>	<p>AA037767, AI961026, AI269898, AA399583, AI689929, AA037780, AA757107, AI968995, AI206593, AA609204, AA813241, D56264, Z45403, AI523529, AL038837, AL039074, AL039564, AL039108, AL039156, AL038531, AL039659, AL039625, AL039648, AL039629, AL039678, AL039150, AL039109, AL037051, AL037726, AL036725, AL039128, AL040992, AL045337, AL042909, AL039423, AL039410, AL039085, AL036973, AL045353, AL043422, AL044407, AL039538, AL038821, AL039386, AL039566, AL044530, AL039924, AL039509, AL043445, AL038025, AL037526, AL036196, T24119, T24112, AL037639, AL045341, AW013814, H00069, AL045794, AL043441, AL037615, AL036767, AL036418, AA039277, T23947, AL043423, AL038851, AI535783, AW451070, Z99396, AL036190, AL036191, AL037082, R47228, AL036924, T02921, AW452756, AI535983, AL036117, AA301449, AW372276, AL036679, AL036733, D51250, D80253, T23659, AL037027, AL036238, AL037178, AL036158, D59787, AL036998, AL036964, D59275, D80043, AA514190, AL036765, D80219, AL037601, T48598, Z25782, AL037021, AL037054, AL036174, D80227, AL036268, AW450376, AI680812, D80240, D80134, AL036167, AL037177, D51423, D80210, AL036227, AL037679, D59619, H00072, AL037047, AA631969, AL036139, AL037016, AL036132, D80193, D80196, AL119457, D80168,</p>
1066	HCFNM40	875525		

		AL119324, AL037085, AL036953, AL042544, AL119399, AW392670, AL119443, AL119497, AL119418, C75259, AW372827, AW384394, AL119319, AW363220, AL119391, AL119483, AL134531, AL119484, AL119355, U46341, AL119522, AL119363, AL134920, U46351, U46350, AL042965, AL119341, AL119335, AL119396, U46349, AL119464, AL119496, U46347, AL134538, AL119444, AL037205, AL119439, AL119401, AL043029, U46346, AL042614, AL042975, AL042984, AL134532, AL134533, U46345, AB020681, A97211, X68127, Z96142, AR036905, A95051, AJ244003, AJ244004, A85477, A85396, V00745, AR062871, AR031374, A49700, AR031375, AR017907, D88984, I18371, A38214, A58521, AR025207, A44171, I56772, I95540, AR018924, A63067, A51047, A63064, AR018923, A48774, A63072, AR020969, A48775, X73004, AR068507, AR068506, AR015960, AR000007, AR015961, A98767, A93963, A93964, I63120, A95052, A95117, A18053, I06859, A18050, A84772, A23334, A75888, I70384, A02712, A60111, A23633, AR007512, A25909, I19516, A23998, A84776, A84773, A84775, AR062872, A84774, AR062873, AR067731, AR043602, AR043603, A58524, AR043601, AR067732, AF118808, A86792, A58522, I60241, A58523, I60242, A92133, AR037157, A20702, A91750, A43189, A43188, A20700, A64081, AF156296, AR054109, E16590, A35537, I03343, AR036903, A24783, A24782, D28584, A02136, A04664, AJ244005, I03665, A35536, A81878, A02135, A04663, I03664, E13740, E12615, AR035193, AR022240, A13393, I01992, A27396, AR027100, I28266, A11245, A02710, A58525, A82653, I13349, E14304, A07700, A13392, A49045, I19517, A76773, A15078, A22413, E16636, I25027, I21869, I26929, I44515, I26928, I26930, I26927, E16678, I08051, A67220, A93016, A70040,
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		AF156294, I00074, AR038762, AR000006, E03165, I49890, I44516, I66495, I66494, I66498, I66497, I66496, I66486, I66487, I00079, U87250, I92483, AR038286, A92636, AJ230933, D14548, E022221, E01614, E13364, E00523, A58526, A91753, Y11923, I00077, I25041, AR035975, AR035974, AR035977, AR035976, AR035978, D34614, A97221, AB012117, A51384, AR008430, S70644, AF096810, A91754, Y11926, A10361, X58217, I68636, AF019720, I07429, A60957, AF156299, A60968, I84554, I84553, S65373, Y17188, AR066482, A60985, A60990, A60987, AF096793, D44443, A18722, AB007195, X15418, M32676, A52326, AR064706, A10363, I69350, A91965, AR027069, A20701, I08250, A04710, AF130655, E04616, S83538, Y11449, X73003, X13220, AR063812, I07888, Y11920, E06034, I03663, AF156302, A02711, A04447, A04441, A04448, A04442, AR060234, Y11447, AR066494, A80951, AF096796, E03018	AA306873, AA305881, AW245862, AA088641, AA932449, N31513, R25850, N44651, AW248398, R88663, AA137171, AI073401, AI824292, AW274454, AL136295, AF044127	
1067	HMSGC65	875527	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 647 of SEQ ID NO:1067, b is an integer of 15 to 661, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1067, and where b is greater than or equal to a + 14.	AW080296, AF181449
1068	HCQDN81	875528	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	

		is any integer between 1 to 150 of SEQ ID NO:1068, b is an integer of 15 to 164, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1068, and where b is greater than or equal to a + 14.	
1069	HFIGCY86	875529	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 990 of SEQ ID NO:1069, b is an integer of 15 to 1004, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1069, and where b is greater than or equal to a + 14.
1070	HNTSA70	875534	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1292 of SEQ ID NO:1070, b is an integer of 15 to 1306, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1070, and where b is greater than or equal to a + 14.

			U17565, U67284, U67282, U67283, U67281
1071	HWLNX6 <sub>4</sub>	875538	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 136 of SEQ ID NO:1071, b is an integer of 15 to 150, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1071, and where b is greater than or equal to a + 14.
1072	HTWFG63	875539	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 372 of SEQ ID NO:1072, b is an integer of 15 to 386, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1072, and where b is greater than or equal to a + 14.
1073	HWLNY32	875543	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 609 of SEQ ID NO:1073, b is an integer of 15 to 623, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1073, and where b is greater

1074	HLJDL64	875544	than or equal to a + 14.	<p>Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 615 of SEQ ID NO:1074, b is an integer of 15 to 629, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1074, and where b is greater than or equal to a + 14.</p> <p>AL036180, AI110646, AI110645, AI207597,      AI174665, AI174946, AW073816, Z98452, AA650324,      AI064928, AI557077, AI133004, AI064831,      AI065079, AI133259, AI133698, C18661, AI064836,      AI064695, AA468444, AA075635, C18389, AI460015,      AA886120, AA522946, C18379, AI133289, AI207423,      AI133218, AI133420, AI110815, AI133099,      AA229530, AA630934, AA247210, AA513233,      AA229483, AA502854, AA075595, AA075016,      AA522587, AA160197, AA130107, AW379318,      AA081859, AL037870, AL048198, AA223082,      AL037849, AI525868, AA524676, AA095651,      AA091446, AA602274, C18017, AA490180, AA126340,      AA149503, AI061660, AA196337, AA558762,      AA493842, AL048429, AA522591, AI253444,      AI114770, AA807804, AA533954, AI064907,      AW390463, AA429176, AI366551, AA081406,      AI717995, AI560053, AI524985, AI366019,      AI907036, AI459473, AI525190, AW007608,      AA194553, AA523493, AI253348, AA566024,      AA095476, AA525479, AA878500, C16892, AW438405,      AA978232, AA093359, AI832270, AW361632,      AW062515, AA632775, AA091197, AA076526,      AI884494, AA541550, AI833147, AA689249,      AI366023, AA888285, AW238393, AA745556,      AI709394, AA486180, AA216175, AA486974,      AA211250, AA602242, AI832355, AA630170,      AA654821, AA640561, AA659277, AA496598,      AA112897, AA721533, AA081861, AA504683,      AI888487, AA635254, AI064797, C18031, AA224000,      AA627260, AA669077, AA595864, AA249205,      AI536118, AI217035, AI653760, C18231, AA095843,      AA165016, AA594949, AW081962, AA293391,      AI064901, C17988, AI133314, C18852, C17170,      AI832732, AA664578, AA640469, AW390478,</p>
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		AA630259, AA659265, AA642163, AA720552, AA886596, AI832340, AW385222, AA193142, AI217021, AA197080, AA879049, AI124928, AA522984, AW361141, AI253310, AA148381, AA093612, AA092811, AA094304, AW275829, AI924211, AI366559, AW176708, AA492126, AW389679, AW401887, AA248521, AW238554, AW270021, AA575977, AA530955, AA469406, AA578589, AI720986, AW351917, AI000746, AA459176, AA86490, AL038077, AI459425, AA887028, AA887030, AW377099, AW188463, AA172233, AA095860, AA550932, AI525065, AI253331, AA643797, AA526350, AI434498, AL037048, AI635477, AA630251, AI557565, AI683207, AA737110, AA291026, AA610388, AW004905, AA095848, AA485848, AW044030, AI750150, AI557197, AA618334, AA091047, AA715869, AI204214, AA244429, AA093878, AW419429, AA089795, AA285306, C14174, AA468098, AA112030, AW361105, AI557150, AI720912, AA098789, AA493969, AI628930, AA679857, AI912529, X62996, X93334, V0662, J01415, D38112, AF134583, D38116, D38114, X933347, S55589, Y17171, Y17179, AJ238413, AL021068, I25652	AA307385, H38113, AI383794, AF059531, AF059530
1075	HHEQN62	875545	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 542 of SEQ ID NO:1075, b is an integer of 15 to 556, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1075, and where b is greater

			than or equal to a + 14.	
1076	HCQAF61	875546	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 406 of SEQ ID NO:1076, b is an integer of 15 to 420, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1076, and where b is greater than or equal to a + 14.	AA148723, AA148592, U73633
1077	HCQCX63	875547	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 722 of SEQ ID NO:1077, b is an integer of 15 to 736, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1077, and where b is greater than or equal to a + 14.	AA496222, N52937, AI913219, AA984383, AA725524, AI800841
1078	HOVET54	875548	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 885 of SEQ ID NO:1078, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1078, and where b is greater	AI333686, AA781729, AA770054, N66727, AI535727, R49091, T68994, AA011536, T61907, Z40664, R70984, F03267, AA725067, R71002, AI557450, AI536045, AW392670, AL119457, AL119324, U46347, AL043003, AW384394, AL119484, AL119443, AW363220, AL119439, U46350, U46351, Z99396, AL134531, U46349, AL119319, AW372827, AL134527, AL134528, AL134530, AL134519, AL119391, AL043147, AL119483, AL134132, AL134525, AL134536, AL134538, AL119363, AL042989, AL134533, AL119497, AL037205, AL119444,

			than or equal to a + 14.	AL119355, AL042965, AL119335, AR060234, AR066494, A81671, U46341, AL119396, AR026436, AR054110, AR069079
1079	HR0DW53	875550	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2201 of SEQ ID NO:1079, b is an integer of 15 to 2215, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1079, and where b is greater than or equal to a + 14.	AW195340, AW444826, AA947277, AA722891, AW009448, AI420841, AA731773, AI565025, AI927332, AI336337, AI494131, AA947279, AA808216, AI651452, AA825545, AW452410, AI216219, AI243363, AI867450, AA812208, AI573209, AW292860, AA908226, AI458531, W93316, AW079969, AW002549, AI467887, N24875, AA256877, AA262505, AA749144, AA811313, R83301, AA778771, AA766428, AA682799, AW183953, AA255868, H58733, AW243205, AA931058, AI246223, H69591, H69785, AA973454, R83395, N36294, AA299701, AI803225, AA299702, T03865, H58344, H75668, H59592, AA812777, T77893, AA411001, AW367969, AW377666, AA354797, AI825279, AA677816, AW389598, H69023, H65620, AA419509, AI886081, AW377657, AA255471, AA648958, AW296622, W93427, AW183272, AI203101, AW389617, AW367976, AA815060, H67272, H65619, AI218105, AA256747, Z38443, H59593, F05460, AI634666, AI208005
1080	H2CBE60	875551	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 585 of SEQ ID NO:1080, b is an integer of 15 to 599, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1080, and where b is greater than or equal to a + 14.	AA307347, R25920, D80022, D59859, AA305578, C14389, D80188, D59467, D51799, D80248, D80166, D51423, D59619, D80210, D80240, D80253, D81030, D58283, D59275, D80212, D80366, AA305409, C14331, D80219, D80043, D80195, D80522, D80391, D80164, D59787, D80227, D59502, C14014, D57483, D59610, D81026, D80269, D80024, AA514186, D59889, D80196, D80133, D59927, C15076, D80038, D50979, D51022, D50995, D51060, D80193, D80045, AA514188, D80251, D80241, AW360811, D80378, AW377671, AW177440, D80268, C14429, AW178893, T03269, AW375405, AW360844, D80439, D80302, C75259, D80247, AW179328, AW366296, AW177501, AW177511, AW360817, AW375406, AW378534,

		AW352171, AW179332, AW377672, AW179023, AW178905, C05695, AW178906, AW178754, AW179024, AW377676, AW378532, D59373, AW177505, AW360841, AW179020, AW178775, AW178909, D80134, AW177456, D51250, AW352170, D80132, AW17731, AW178907, AW178762, D58253, AW179019, AW179018, AW352158, AW178971, D51759, D80157, AW352117, D51103, AW367967, AW369651, AW179004, AW179329, AW179012, AW178980, AW177733, AW378528, AW179007, AW178908, AW178983, AW352174, D52291, AW176467, AW179017, AW179009, F13647, AW178914, AW378543, AW378525, AW352163, T11417, D80168, AW352120, T48593, D81111, D59653, C06015, C14298, D58246, AW178774, AW178781, AW178911, AW378540, AW177722, AI910186, C14227, AW177728, D59503, D80064, D45260, D58101, AW360834, AI905856, D59627, C14407, Z21582, H67866, D80258, H67854, T03116, AW178986, AW367950, C03092, AW177723, AI525923, AA809122, D59317, AI535850, AW177734, AI525920, AI525917, D51221, D51213, AI557751, D59474, D45273, AA514184, AW177508, D80014, AW177497, C14957, C14973, C14344, AW378533, AA285331, D51097, D60010, AI557774, AI535686, H67858, T03048, AW179013, D59551, AI525235, AI525912, T02974, AW178759, AI525227, Z30160, C14046, D60214, AW378539, AI525215, AI525242, AW378542, C16955, AI525925, AI525222, Z33452, C05763, D31458, AI525216, T02868, AW360855, AI525237, D80007, AF055568, AF055669, AR008278, A62298, AB028859, AJ132110, AR018138, A84916, A62300, AF058696, A82595, X67155, Y17188, D26022, Y12724, A25909, A67220, D89785, A78862, D34614, A94995, AR060385, AB002449, AR008443, D88547, I50126, I50132, I50128, I50133, AR016808, X82626, AR066488, AR016514, AR025207, AR060138, A45456, A26615,
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			AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, A30438, I18367, X64588, I14842, AR054175, D50010, Y17187, AR008277, AR008281, A63261, X68127, AR008408, AB012117, AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, I79511, AR060133, A85396, D88507, AR066482, A44171, A85477, I19525, A86792, I32384, X93549, U79457, AF123263, AR032065, AR008382	W44982, AC003042
1081	HWMCK4 §	875552	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 628 of SEQ ID NO:1081, b is an integer of 15 to 642, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1081, and where b is greater than or equal to a + 14.	AI871640, AI809329, AW293495, AI6311630, AA731792, AA809789, H97646, AA564836, AI913067, AL117328
1082	HK AFL60	875553	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:1082, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1082, and where b is greater than or equal to a + 14.	AI871640, AI809329, AW293495, AI6311630, AA731792, AA809789, H97646, AA564836, AI913067, AL117328
1083	HUSXP66	875554	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI800576, AI376958, AI087840, AW069881, AI038673, AW339528, AW440579, AI057432, AI800751, AW371940, AA580863, R06900, AA026058,

			nucleotide sequence described by AA252326 the general formula of a-b, where a is any integer between 1 to 661 of SEQ ID NO:1083, b is an integer of 15 to 675, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1083, and where b is greater than or equal to a + 14.	AI631620, AL038838, AL038983, AL038822, AL037436, AI142134, AL040617, AL044186, AL041238, AL047012, AL044037, AL038532, AL047170, AL040463, AL037727, AL040576, AL045753, AL041752, AL045684, AL040625, AL047219, AL044162, AL041602, AL043492, AL040839, AL043677, AL040193, AL043467, AL040510, AL040621, AL043538, AL047183, AL043496, AL040464, AL046442, AL041635, AL045817, AL041133, AL041324, AL040322, AL041098, AL044074, AL040119, AL041955, AL040294, AL043923, AL043814, AL041096, AL043845, AL045920, AL041163, AL047057, AL037435, AL044064, AL040149, AL041459, AL041730, AL041523, AL041159, AL041577, AL040472, AL038761, AL043627, AL040052, AL037295, AL041374, AL041292, AL041358, AL046850, AL040444, AL041296, AL040768, AL040332, AL043848, AL041142, AL042135, AL043570, AL041346, AL046994, AL041086, AL046914, AL040529, AL040370, AL040745, AL046330, AL041197, AL039316, AL046392, AL040128, AL044272, AL134524, AL045671, AL047036, AL041233, AL040342, AL037343, AL037335, AL044258, AL040148, AL040553, AL040458, AL044187, AL044199, AL037323, AL044125, AL049018, AL040285, AL045990,
1084	HTLEY14	875556	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 614 of SEQ ID NO:1084, b is an integer of 15 to 628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1084, and where b is greater than or equal to a + 14.	

	AL046327, AL041277, AL040091, AL037443, AL040155, AL041347, AL041131, AL039744, AL041168, AL044165, AL044274, AL040571, AL039338, AL041051, AL040168, AL039643, AL079878, AL040075, AL045989, AL041186, AL039432, AL042096, AL041246, AL040414, AL040253, AL041227, AL040090, AL043775, AL044201, AL043941, AL037341, AL041140, AL045857, AL040082, AL041278, AL040329, AL043444, AL079852, AL045725, AL039915, AL043612, AL040255, AL040238, AL040263, AL039360, AL042898, AL045328, AL037279, AL041210, AL049069, AL044529, AL047037, AL043537, Z30131, AL038745, T23957, T23985, AL080031, AL046147, AA585439, AL045211, Z28355, AA585101, AI541365, AI525556, AI541374, AI540967, AI525431, AI541523, AI541514, T23888, T11028, R29445, R28735, T41289, D61254, AI547039, AI557731, AI526073, AL134110, R29177, AA585453, AI525320, AL047163, AA585476, AI525306, AI541535, AI546855, AA174170, AI556967, AI541509, AI546828, AI535639, AI557262, AI526194, AI526140, AI541017, AI541013, AI541508, AI547295, AI546891, AI557787, AI525316, C16305, AI546999, AL045327, AL041344, AI541510, C16300, AI541390, AI557799, AI557807, D57491, AI541307, AL043440, R29218, C15189, AL036259, AL046097, AI525321, AI525328, AI526187, AI526184, AI557238, AI546945, AL040385, AA585438, D55233, C14723, AA585434, AI526144, AA585356, AI546899, AI546875, AL045994, AJ239433, AI557796, AI541534, AI526176, AA585440, AR064707, I15717, I15718, I08395, M28262, E13740, AJ244003, AJ244004, E03627, I48927, AJ244005, I08396, A60212, A60209, A60210, Y16359, A60211, A98767, D78345,
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	A93963, A93964, AR062872, I63120, AR017907, AR062873, AR062871, A25909, I06859, A18050, A23334, A75888, I70384, A90655, A02712, A60111, I84553, A23633, AR007512, AF082186, A81878, I84554, A77094, A77095, AR031566, A85395, A85476, I00682, A95051, A18053, A86792, A20702, A64973, A35536, A35537, X83865, A11623, E00609, A11624, A43189, A43188, A20700, A02135, A04663, A02136, A04664, A84772, A11178, E01007, A98420, A98423, A98432, A98436, A98417, A98427, A84776, A84773, A84775, A84774, I13349, A10361, AR067731, AR037157, AR054109, AR067732, A58522, AR038855, AR043601, A11245, A91750, I44681, I03331, A02710, E12615, I18895, AR035193, A92133, E14304, A07700, A13392, A13393, I62368, AR031488, I13521, I52048, A27396, A91965, E16678, AR027100, I49890, I44531, I28266, I21869, I44516, A70040, A82653, AF149828, E16636, A95117, A93016, A24783, A24782, A58524, I05558, A58523, I01995, I25027, I26929, I44515, I26928, I26930, I26927, I08051, I60241, I60242, AR038762, A20699, E00696, E00697, AR009151, I66485, I66487, E03813, I66482, I66483, I66484, I66498, I66497, I66496, AR038066, AR027099, I66486, AJ230935, AR051652, AR051651, AJ244007, AJ230902, AR008429, A22738, I08389, X07299, D13316, AJ230972, AB025273, U94592, D50010, AJ230951, AR051957, AJ231009, Y09813, AJ238010, E12584, X81969, I19525, AR066494, Z32836, AR035975, AR035977, I18302, D13509, A70872, AJ231028, E17098, I66495, I66494, A22734, AR022273, AJ230867, AR035974, AR035976, AR035978, A70869, AL137394, AB014583, AL080126, AJ230845, I36244, AR051864, D17247, AR051865, A93923, A06631, S60422, AJ231011, A93916, Y14219, AR063812, A24548, A24546, I05845,
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			A93931, A16035, AJ230996, I03669, I03668, I33632, AR009152, A68112, A68104, I15353, A85203, I66481, A83642, A83643, I66488, E03654, I66489, I66490, I66491, I66492, I66493, AR054723, A05993, A05975, A05973, A05991, A05995, A83151, AR023813, AL133053, AL122101
1085	HOFMV44	875558	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1342 of SEQ ID NO:1085, b is an integer of 15 to 1356, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1085, and where b is greater than or equal to a + 14.
1086	HSLJN60	875559	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 689 of SEQ ID NO:1086, b is an integer of 15 to 703, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1086, and where b is greater than or equal to a + 14.
1087	HCQAG54	875560	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of

		SEQ ID NO:1087, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1087, and where b is greater than or equal to a + 14.	
1088	HHMMMD6 0	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1088, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1088, and where b is greater than or equal to a + 14.	AI926573, AI733887, AI732593, AA132660, AA132832, AC006449
1089	HWLMB59	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1060 of SEQ ID NO:1089, b is an integer of 15 to 1074, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1089, and where b is greater than or equal to a + 14.	AA418204, AI133717, AA007464, AA279666, AA281169, N78164, AC006059, AF184110
1090	HUFAU68	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1149 of	T12323, H54278, AA032022, Z19186, R92145, T19706, AA344428, AA031911, AW302758, AW187983, AB033011

		SEQ ID NO:1090, b is an integer of 15 to 1163, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1090, and where b is greater than or equal to a + 14.	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 757 of SEQ ID NO:1091, b is an integer of 15 to 771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1091, and where b is greater than or equal to a + 14.
1091	H2LAX58	875567	AA315557, AI632010, AI816905, R10787, D80166, D80212, D80022, C14389, C14331, D59619, D80210, D80240, D80219, D59502, D58283, D81030, D59859, D80043, D80195, D80391, D80164, D59787, D51423, D51799, D59275, D80253, D80227, D80193, C15076, D80196, D80045, D80188, D59467, D59927, C14429, D57483, D80269, D80366, D80038, D50979, D59889, R10697, D50995, AA305409, D59610, D800378, D80024, D80241, T03269, AW178893, D51060, C75259, C14014, AW178775, D51022, D80268, D81026, AW179328, D80134, AW177440, AW378532, D51250, D80522, AA305578, D80168, AW352158, D80949, F13647, AW369651, D59695, D80064, D80251, D80248, Z21582, D58253, AW178762, C14298, AA514188, AW177501, AW177511, C14227, D80133, D81111, C14407, AI910186, AA514186, AW352117, AW360811, D80132, AW378540, AI905856, AW377671, C05695, AW176467, AW375405, AW360844, AW179012, AW3666296, AW360817, D80439, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW177505, AW377676, D80247, AW178754, AW179024, AW352170, AW360834, D59373, AA285331, D51097, D80302, AW360841, AW179020, AW178909, AW177456, AW178906, AW177731, AW178907, AW179019, AW179018, AW178971, AI557751, D80157, AW352174, AW179004, AW179329, AW178980, AW177733, AW378528, AW179007, AW178908, T11417, AW179220, AW177714, C14077, AW179017, AW179009, AW178914, AW378543, AW378525, D51103, D51759, AW367967, AW177722,

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		D80014, T03116, AW178983, AW352120, AW177728, AW178774, AW178781, AW178911, AW352163, D58101, D59627, D59503, D58246, D59653, T48593, D80258, C06015, D51213, A1557774, C03092, AW177723, AW378539, H67866, D45260, A1535850, A1525923, T02974, C14975, AW378533, AW367950, AW178986, H67854, AA809122, AW177734, C14344, AW177508, C14046, AW177497, D45273, D80228, A1525917, D59317, C14973, D60010, D51221, H67858, D59474, A1525920, A1535686, AA514184, AW179013, D59551, AW178759, T03048, F13796, C14957, D60214, A1525227, A1525235, A1535961, C16955, Z33452, A1525242, A1525912, AW378542, C13958, A1525925, A62300, A84916, A62298, AJ132110, AR018138, X67155, Y17188, A67220, D34614, D26022, A25909, D89785, A78862, I82448, AF058696, D88547, AR008278, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, A94995, AR060385, A85396, AR06482, A44171, AB002449, A85477, AR008443, I19525, A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, Y09669, A43192, A43190, AR038669, AR066490, AR066487, AR054175, A30438, I18367, D88507, D50010, Y17187, AF135125, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, I79511, X72378, AR064240, U87247, I32384, AB023656, U79457, AF123263, AR032065, X93535, AR008382	AW206804, A1337160, A1744024, H11326, AA886435, F10033, AA255487, A1499829, AW188608, AA508761
1092	HCRQD82	875570	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 743 of

		SEQ ID NO:1092, b is an integer of 15 to 757, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1092, and where b is greater than or equal to a + 14.	
1093	HCRPV05	875572 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:1093, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1093, and where b is greater than or equal to a + 14.	AI955141, AI744943, R16287, R15781, AI440022
1094	HHECM62	875573 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1094, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1094, and where b is greater than or equal to a + 14.	AI732599, AA132796, AW205259, AA885330, AA769901, AI609831, AW087786, AI423901, AA313420, AI791778
1095	HFOXW88	875574 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 846 of	AA146968, AA699958, AA700342, AI378339, AA146969, R07642, R07689, AC006344

		SEQ ID NO:1095, b is an integer of 15 to 860, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1095, and where b is greater than or equal to a + 14.	
1096	HWLXT7	875578	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1740 of SEQ ID NO:1096, b is an integer of 15 to 1754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1096, and where b is greater than or equal to a + 14.
1097	HODAY72	875583	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:1097, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1097, and where b is greater than or equal to a + 14.
1098	HCQBI56	875584	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 150 of

		SEQ ID NO:1098, b is an integer of 15 to 164, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1098, and where b is greater than or equal to a + 14.	
1099	HITCM45	875585	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 562 of SEQ ID NO:1099, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1099, and where b is greater than or equal to a + 14.
1100	HARNM58	875587	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 815 of SEQ ID NO:1100, b is an integer of 15 to 829, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1100, and where b is greater than or equal to a + 14.
1101	HMIAQ09	875588	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of

		SEQ ID NO:1101, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1101, and where b is greater than or equal to a + 14.	AA224205, AI750792, AI384092, AI827513, AI750808, AI081591, AA333825, R32422, R76408, AA682395, R06653
1102	HE9MD57	875589	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 579 of SEQ ID NO:1102, b is an integer of 15 to 593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1102, and where b is greater than or equal to a + 14.
1103	HCQDA63	875590	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1415 of SEQ ID NO:1103, b is an integer of 15 to 1429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1103, and where b is greater than or equal to a + 14.
1104	HWLRO57	875594	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 713 of

		SEQ ID NO:1104, b is an integer of 15 to 727, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1104, and where b is greater than or equal to a + 14.	AI638800, AI701032, AI568329, AI225238, Z82200	
1105	HHEQ060	875596	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 591 of SEQ ID NO:1105, b is an integer of 15 to 605, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1105, and where b is greater than or equal to a + 14.	H98768, AI300431, AI076535, AI082879, AI689961, H03865, AI701454, AI458282, N33061, W07734, AI263212, R46614, T67479, AI991356, AI654356, N78714, AI696043, N23489
1106	HMUBG89	875597	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 791 of SEQ ID NO:1106, b is an integer of 15 to 805, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1106, and where b is greater than or equal to a + 14.	H98768, AI300431, AI076535, AI082879, AI689961, H03865, AI701454, AI458282, N33061, W07734, AI263212, R46614, T67479, AI991356, AI654356, N78714, AI696043, N23489
1107	HDPRN70	875598	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 341 of	

			SEQ ID NO:1107, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1107, and where b is greater than or equal to a + 14.	
1108	HCRMC33	875600	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1108, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1108, and where b is greater than or equal to a + 14.	AI657019, AI623299, AA393186, AA398646, AI263831, AA364607
1109	HROBR56	875604	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1109, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1109, and where b is greater than or equal to a + 14.	AA126535
1110	HWLMU3	875605 3	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 444 of	

		SEQ ID NO:1110, b is an integer of 15 to 458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1110, and where b is greater than or equal to a + 14.	AA533280, AL133211, AW275798, Z28740, H79608, Z99396, AW392670, AL119457, AW372827, AL119497, AW384394, AL119484, AL119391, AL119319, AL119483, AW363220, AL119324, AL119443, U46350, AL119522, AL119355, AL119363, U46351, U46341, U46349, AL119341, AL036418, AL038837, AL119335, AL119418, AL119396, AL119496, U46347, AL037051, AL042965, AL036725, AA631969, U46346, AL119444, AL037205, AL119439, AL134538, AL036858, AL134531, AL119401, AL134532, AL134533, AL134536, AL042614, AL042542, AL036924, AL042975, AL043029, AL042984, AL119399, AL134920, U46345, AL042544, AL043019, AL038509, AL042551, AL037085, AL043011, AL042450, AL037094, AL043003, AL037526, AL036196, AL037639, AL036268, AL037082, AL036767, AL036190, AL037077, AL119464, AL036774, AL038520, AL036998, AL038851, AL038447, AL036733, AL037178, AL036238, AL036719, AL037615, AL037027, AL036765, AL036191, AL036679, D63477, AR066494, AR060234, A81671, AB026436, AR023813, AR064707, AR054110, AR069079	N70420
1112	HCRMQSS	875608 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1112, b is an integer of 15 to 624, where both a and b		

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1112, and where b is greater than or equal to a + 14.	
1113	HSAZF81	875609	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 646 of SEQ ID NO:1113, b is an integer of 15 to 660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1113, and where b is greater than or equal to a + 14.</p> <p>AT863439, R11144, AI360315, AA203688, H24452, R11145, R01108, AW002361, Z41757, AW295865, AI961650, AI052438, AW131513, AW089844, AI688241, AW080746, AW163834, AI886884, AI076157, AI270183, AI918677, AI696603, AI499963, AI364167, AI470717, AW132056, AI524139, AA128660, AI872423, AI370623, AI927233, AW080700, AI281782, AA179186, AI582910, AW075382, AW004606, AI638644, AI522256, AW029489, AI439452, AI682798, AW188525, AI619820, AI621341, AA810605, AI554516, AA814343, AI868680, AW051088, AW084396, AA806720, AI590043, AI284084, AI926593, AI568293, W46513, AI698391, AW007580, AI866469, AI648699, AI561288, AW081515, AW129264, AW081349, AI628180, AW088560, AI909697, AI625226, AI559296, AI590227, AI932794, AW1666583, T69241, AI633066, AI620864, AI561356, AI279677, AI633125, AI079226, AW087837, AI631273, AI538564, AI699175, AI915291, AW152182, AI434969, AI889862, AI696714, AW085734, AI434731, AI889189, AI678602, AI473536, AI338427, AI884318, AA745155, AI863319, AW081252, AI573164, AI520859, W74529, AI865906, AI912544, AI701097, AI571867, AI349482, AI439385, AW131282, AI499570, AI570056, AI699823, AI765103, AI918809, AI868931, AI333104, AW105296, AI553645, AI368943, AI934259, AI688300, AA836168, AW150750, AI888022, AI860027, AI270706, AI367680, AI630932, AI611738, A65341, AL137533, I89947, I33984, AF047716, A41579,</p>

		Z13966, U62966, AF199027, AR034821, L25851, AL050155, AR038854, AL122100, AL117587, AL137530, A77033, A7035, AL117460, Z97214, D44497, X95310, AL117636, A52184, X68560, S69381, X99971, AF116573, AF013214, AL080146, AF080068, Z82022, X59813, X66366, X66871, AL133665, AF183393, A58545, A23327, A76337, AL137271, E12806, AC006115, AL137711, AF185576, AF032666, A21103, AL133084, AL080159, AF059611, AL137478, AF106697, U73682, X52220, AL049557, AF167995, A86558, X61399, AF222801, AF061981, I32738, AF008439, AF118847, L10730, A76335	AA252455, AI191596, AI216511, AI221932, AL044538, AL044537	
1114	HTJMO37	875610	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF $a-b$ , WHERE $a$ IS ANY INTEGER BETWEEN 1 TO 503 OF SEQ ID NO:1114, $b$ IS AN INTEGER OF 15 TO 517, WHERE BOTH $a$ AND $b$ CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:1114, AND WHERE $b$ IS GREATER THAN OR EQUAL TO $a + 14$ .	AA078787, AA664392, AA047305, AA078903, T82427, AA618308, AA047306, AC007688
1115	HKCSA54	875611	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF $a-b$ , WHERE $a$ IS ANY INTEGER BETWEEN 1 TO 872 OF SEQ ID NO:1115, $b$ IS AN INTEGER OF 15 TO 886, WHERE BOTH $a$ AND $b$ CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:1115, AND WHERE $b$ IS GREATER THAN OR EQUAL TO $a + 14$ .	

1116	HWLQAS5	875612	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 301 of SEQ ID NO:1116, $b$ is an integer of 15 to 315, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1116, and where $b$ is greater than or equal to $a + 14$ .	AI767589, AI732392, AW083534, AW007152, AW004781, AA053033
1117	HWBDT63	875613	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 735 of SEQ ID NO:1117, $b$ is an integer of 15 to 749, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1117, and where $b$ is greater than or equal to $a + 14$ .	AI273587, Z36969, AA132614, AA602080, AA629773
1118	H2CBQ54	875625	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 702 of SEQ ID NO:1118, $b$ is an integer of 15 to 716, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1118, and where $b$ is greater than or equal to $a + 14$ .	AA313350

1119	HCQCX54	875628	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 348 of SEQ ID NO:1119, b is an integer of 15 to 362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1119, and where b is greater than or equal to a + 14.	AI131026, AA716622, AI057161, AA774194, AA156854, AA225603, AA716534, AA213506, AI742559, AI820099, AA643860, AA343612, AW294591, AA636011, AI440145, H21764, AA716363, AA362352, AA352145, R64559, AA076494, Z95114, Z82215, AF070675
1120	HCQCG75	875629	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1234 of SEQ ID NO:1120, b is an integer of 15 to 1248, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1120, and where b is greater than or equal to a + 14.	AA402496, AI435815, AA505991, AI359093, AW197200, AA234622, AA402558, AA258509, H17033, R14272
1121	HHEZN36	875630	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1121, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1121, and where b is greater than or equal to a + 14.	

1122	HPCIS18	875631	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1122, b is an integer of 15 to 782, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1122, and where b is greater than or equal to a + 14.	AA313376, AW296351, I68732
1123	HISAT54	875632	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 754 of SEQ ID NO:1123, b is an integer of 15 to 768, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1123, and where b is greater than or equal to a + 14.	AI913155, AI672147, AI935812, AI742124, AI953577, AI378301, AI420915, N32927, AI985091, AI633160, AA724413, AA913627, AA025763, AI569838, AI867104, AA447105, AI267291, N42073, AI9633746, AA707999, AI473202, AI379471, AI383622, AA025951, AI675725, AW149902, AI114877
1124	HLWAC54	875633	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 260 of SEQ ID NO:1124, b is an integer of 15 to 274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1124, and where b is greater than or equal to a + 14.	AF130356, AB026118

1125	HKMAB82	875634	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF $a-b$ , WHERE $a$ IS ANY INTEGER BETWEEN 1 TO 1121 OF SEQ ID NO:1125, $b$ IS AN INTEGER OF 15 TO 1135, WHERE BOTH $a$ AND $b$ CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:1125, AND WHERE $b$ IS GREATER THAN OR EQUAL TO $a + 14$ .	N28667, AI659988, AI082031, AI693456, AI880139, AA581592, H73764, H16504, AI871552, AI002235, AA350218, H05516, AI268133, R46302, AI417378, AA418492, AI278150, AA418394, R46207, AI281736, AI027423, R15667, AA355971, H74147, AW195643, AI478495, R62421, R62495, AW453056, AA507440, W21975, AA364092, AC006312, AF055899
1126	HPVAB96	875635	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF $a-b$ , WHERE $a$ IS ANY INTEGER BETWEEN 1 TO 432 OF SEQ ID NO:1126, $b$ IS AN INTEGER OF 15 TO 446, WHERE BOTH $a$ AND $b$ CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:1126, AND WHERE $b$ IS GREATER THAN OR EQUAL TO $a + 14$ .	AA219147, AI884470, AA464382, AC006475, AL009051
1127	HBMSX53	875636	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF $a-b$ , WHERE $a$ IS ANY INTEGER BETWEEN 1 TO 559 OF SEQ ID NO:1127, $b$ IS AN INTEGER OF 15 TO 573, WHERE BOTH $a$ AND $b$ CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:1127, AND WHERE $b$ IS GREATER THAN OR EQUAL TO $a + 14$ .	AA810265, AA897140, AI656737, AA768557, AA767085, AI969070, AA847937, AC005018

1128	HCFCSS8	875638	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2215 of SEQ ID NO:1128, b is an integer of 15 to 2229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1128, and where b is greater than or equal to a + 14.</p> <p>AI373860, AI142548, AI160244, AI803364, AA732841, AI435516, AI095583, AI076620, AI167180, AI936640, AI339776, AA969232, AW137670, AI391504, W68702, AW207539, W79914, AA917467, AI459137, AI148710, AA287408, AI762559, AI040652, AW026057, AA522920, AA866005, AI016161, AA055361, AA625635, W23647, AA707093, AA913826, AI083994, AI015839, W69531, AI796928, AI890078, AI830098, AA937098, AA305157, AI581290, C01766, AI050874, AI199472, AI097584, H92773, AI074517, AI074538, AI151312, AW028614, AI674344, AA305656, AI990059, R62238, AI095293, AI052777, AA287357, AI085262, AI354825, AA282043, AI828501, AA989141, AI936558, AA917921, AW207658, AA581990, H66449, AI809556, H66448, AI087807, AA976485, AI089883, AI1161211, AW102710, AI370809, AA282205, AA358542, AW054857, AA810757, F13499, AA876563, AA215693, AI084131, AI828164, W74293, F22539, AI870008, AI671095, AA476727, AA404240, AA831950, AA026585, AA370269, AI359885, AA631293, AW340672, AL121501, N31738, D19607, AA423998, W68795, AW301681, AA037423, AA744671, AI498589, AA705091, AI185927, AA425621, W24523, R83202, AW072175, AA886734, AI568422, AI128796, AI423010, W39033, N92339, N27093, AI906207, AI354764, AI829997, AI216318, AI292222, W24115, AI700186, AW166486, AI808019, AI417379, AI274365, AI192992, AA327411, AI801970, AI560400, AI334057, AW205138, AW135446, AI356227, AI418487, AI334250, AI301676, Z39418, AW206667, AA026695, AA449697, AA307877, W69448, AI136707, AI356196, AI858772, AI268621, AW054727, AW206873, AI077709, AW300595, AI394380, AI369492, AI300626, AI702163, AW137374, AI366348, AW137612, AW104420,</p>
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		<p>AI354931, AI349587, AW072219, AI300618,      AA362894, AI356229, N92547, AW083322, AW138524,      AA906922, R21738, AA448971, AA928281, AI824781,      AW404514, F10607, H92884, AW104623, AA974162,      AA055693, AA282321, AI191199, W78149, AA026665,      AI243453, AA884305, AI471239, AA907645, R05573,      AI702878, AI953829, AA972477, AA912803, N91937,      AA370270, R83201, AA026584, AI610796, AI624790,      AI367991, AW089151, AA367748, T12621, AI250112,      AW072490, D80024, D58283, D51060, D80522,      D59275, D80133, C14331, C14389, D59859, D80043,      D81026, D80022, D80248, D80366, D51022, D51799,      D59610, D80269, D80253, D51423, D57483, D50979,      D80166, D80195, D50995, D59467, D59619, D80210,      D80391, D80164, D80240, D59787, D80227, D59502,      D81030, D80212, D80196, D80188, AW377671,      D80219, C14014, AA305409, D80251, AJ132110,      A62300, AB028859, AF058696, A62298, AR018138,      A84916, AR008278, A82595, AB002449, X67155,      AR060385, Y17188, D26022, Y12724, A25909,      A94995, A67220, D89785, A78862, D34614,      AR008443, I50126, I50132, I50128, I50133,      D88547, AR066488, AR016514, AR060138, A45456,      A26615, AR052274, X82626, AR054175, Y09669,      A43192, A43190, AR038669, AR066487, I14842,      A30438, AR025207, Y17187, A63261, D50010,      AR008277, AR008281, AR062872, A70867, AR066490,      I79511, AR016691, AR016690, U46128, X68127,      AR008408, I18367, X64588, I82448, AB012117,      D13509, A64136, A68321, AR060133, AF123263,      Z82022, A85396, D88507, AR066482, A44171,      AR032065, A63887, AR060382</p> <p>W91924, AW197110, AI741307, AI378575, AA713480,      AI690421, AI699132, N68496, AI567731, AI928419,      W91925, AI932938, AA026893, R92744, AI935511,      AI242962, AI952546, AW384749, AA036709,</p>
1129	HPMK129	875639 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

			the general formula of a-b, where a is any integer between 1 to 935 of SEQ ID NO:1129, b is an integer of 15 to 949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1129, and where b is greater than or equal to a + 14.	AI659575, AW384762, AF176699, AI022395, AF174590, AF199355
1130	HWWFZ60	875640	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1404 of SEQ ID NO:1130, b is an integer of 15 to 1418, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1130, and where b is greater than or equal to a + 14.	AI135393, AI743624, AW007692, AI809103, AI693085, AW188260, AI628632, AA151384, AI170431, AI688464, AI884841, AA044177, AI435463, AI760308, AA641945, AI911252, AI808563, AI433872, AI597697, AA532734, W57862, AI187076, AI493091, AI624308, AA909039, AA856988, AA912119, AA099566, AA31491, AA603118, W60385, AI817675, AI804736, AI141817, AA635102, AA012931, AA831200, AA872405, AA099656, AW374351, AA317881, AW270235, AI128006, AA044362, AA971272, N53760, N73118, AI092800, AI125656, AA307420, AA299867, AI092789, AI087152, AI698768, AI075446, AI827489, AA909444, AI310357, W60294, AA557616, AI401792, H71979, AI201315, R91255, R53622, W57788, AA905502, AI080642, AI953627, AA040065, N49849, R51953, AI039773, R44774, AI354614, AI695145, W52685, AA641347, AA230242, AA311605, AA485131, N33951, AA001274, AA001885, AA130833, R91256, D31320, AA676280, AA947975, AA299866, AA888090, AA055655, AI028370, AA485132, AA076953, N71776, H67264, AW087608, R25747, R85994, N49662, AA382910, R40695, AI433728, AA402168, R13260, AA402822, AA502327, AA515875, AW004807, AA627525, AI826454, AA319306, AA082526, AA151383, AA074596, AA494303, R19108, AW235427, R26592, AA702744, AA130948, AI419583, AI538143, AA230299, AI656420, AA588457, N67517,

1131	HUCPH16	875641	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1648 of SEQ ID NO:1131, b is an integer of 15 to 1662, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1131, and where b is greater than or equal to a + 14.
1132	HCUDAS2	875642	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 373 of SEQ ID NO:1132, b is an integer of 15 to 387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1132, and where b is greater than or equal to a + 14.
1133	HTWCNS6	875646	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 68 of SEQ ID NO:1133, b is an integer of 15 to 82, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

			NO:1133, and where b is greater than or equal to a + 14.	
1134	HWLUF58	875650	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 792 of SEQ ID NO:1134, b is an integer of 15 to 806, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1134, and where b is greater than or equal to a + 14.	AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AI879821, AA568456, AA1769741, AA441911, AA928164, AI277160, AI368975, AA442018, H16108, AI024901, W17108, AI910530, AI675866, AA278827, T25032, AA282250, AB023416
1135	HWLMI53	875651	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 625 of SEQ ID NO:1135, b is an integer of 15 to 639, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1135, and where b is greater than or equal to a + 14.	AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AA769741, AI879821, AA568456, AA441911, AI277160, AI368975, AA1769741, AA442018, AI024901, AI910530, AI675866, W17108, T25032, AA442018, AA282250, H16108, AB023416
1136	HWLMB54	875653	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1136, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI656739, AW194261, AI191572, AI686332, AW241658, AI081504, AA287936, AW439964, AI147409, AI073550, AI627477, AA570523, AI149073, N23389, AW148760, AI952927, AI039002, AI170120, AI953877, AI478397, AI203256, AA057114, AI077376, AI043541, AI631759, AI302584, R46593, AI776807, AI471297, H08065, AI825574, AI000483, AI474396, AA993288, R60870, R49614, D63065, AI188876, AI471175, AI565375, R42276, AW130341, AI381205, AA025481, D60482,

		NO:1136, and where b is greater than or equal to a + 14.	AI381203, AW135516, AI864636, AI783564, AI439711, AI969032, AA828409, AI914914, AI302951, D62081, R38686, AI351832, F1057, AA215377, R77944, R42277, AI170804, H24643, N71896, AA025591, H25840, H02001, N26541, R78406, C02270, AI298146, D79240, AA057854, AA288000
1137	HOEEY53	875654	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1137, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1137, and where b is greater than or equal to a + 14.</p> <p>AI119748, AL040243, AL041862, AL045500, AW087445, AW071349, AL042745, AI433976, AI433157, AI702406, AI275175, AL042628, AI564719, AI521012, AL079977, AI049085, AI580190, AI500659, AW301409, AI620284, AA640779, AI539771, AI500077, AI538716, AL047763, AL045266, AL040169, AL042627, AL121270, AL119049, AW082113, AI469532, AI537677, AI818683, AI340582, AI121328, AL040097, AI436456, AI119791, AL036146, AI815855, AW074993, AW238730, AI121365, AI064830, AI349772, AI349256, AI036396, AI863014, AW117882, AA572758, AI207510, AI499463, AW103371, AI1349645, AI042744, AL036361, AL038605, AL036403, AW071417, AI866457, AI349004, AL036802, AL045620, AI536685, AI500523, AL039276, AI919345, AW169671, AI497733, AI269862, AI567351, AL046926, AI284517, AA613907, AW268253, AI537515, AI036274, AI349598, AI045163, AL121463, AI340603, AW089572, AI687728, AI281779, AI440239, AI281773, AW302988, AI312428, AI783504, AI868831, AI524671, AI866608, AI590120, AI619502, AI802542, AW169653, AW026882, AL048656, AI475371, AI498579, AI119828, AI312152, AI345735, AI432656, AI079963, AI499393, AI349933, AI349937, AI364788, AI491776, AI824557, AI934036, AW162071, AI612913, AI801325,</p>

	AI148716, AI500706, AI048871, AI445237, AI348897, AW151138, AI440426, AI500662, AI687127, AI284509, AI499512, AI633493, AL135661, AL036980, AI857296, AI702433, AI521560, AW303152, AA508692, AI86573, AI434256, AI475817, AI815232, AI284513, AW148320, AI631107, AI800453, AI800433, AI888118, AI560012, AI285735, AI625079, AI635461, AI679724, AI920968, AL042551, F37439, AI690835, AI572787, AW075351, AW068845, AI648684, AW403717, AI687362, AW268220, AI610362, AI282655, AI872711, AW150578, AI047041, AI873731, AI499920, AI349614, AA427700, AA470491, AI432666, AI697137, AI929108, AI042787, AI636456, AI343112, AI608667, AW002342, AI475451, AI682841, AI224992, AI866780, AI799199, AI273142, AI282281, AI250293, AI269696, AI869367, AW104724, AI888661, AL042538, AI610307, AI340519, AL047042, AW074869, AI633419, AI866002, AW083804, AI922901, AI439087, AL120736, AI687415, AI610645, AW302965, AI590128, AW274192, AI491852, AI862144, AI285826, AI433037, AW161579, AI539153, AL043981, AW151485, AI554245, AI537244, AI274541, AI307708, AI446606, AA804740, AL120853, AI754897, AA225339, AL036631, AI445432, AL036759, AI254251, AI366549, AI309401, AI610429, AI889189, AW301300, F37471, AL120854, AI671679, AI568870, AI637584, AI758437, AI445025, AL038779, AW075413, AW020693, AI445165, AI580984, AI906328, AI554427, AI597918, AW082040, AL046849, AF090901, I48979, AF090903, AL050108, AF090934, U91329, AF113690, AF118064, I89947, AL117457, AF090943, AF113013, AL1133640, AL137459,
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	AL133016, AF078844, AF090900, AJ242859, AL117460, S78214, U42766, AL050393, AL049452, AL050116, AL133557, AL050146, I89931, A08916, AL110196, AL122050, Y11587, S68736, AF017152, AL080060, AL133080, AF113699, AF104032, Y16645, Y11254, AF113691, AL110221, AF113694, A08913, AL049938, AL050149, I48978, L31396, L31397, AR011880, AL049466, AL137527, AL133606, AF118070, AF125949, AF106862, A93016, I33392, AL133075, AL133113, AF113677, AF097996, AL137557, AF079765, AR059958, AL050277, AL133093, AL096744, AF090896, AF113019, AL122049, AL117583, AB019565, AL122093, AL117435, AF113689, A08910, I49625, AL049464, AL049382, AL049314, X84990, E07361, E07108, AL049300, AF113676, AL080137, AF111851, AL137550, AJ000937, AL117585, AL122121, AF158248, AL133560, AL080124, AL122123, A65341, X63574, E03348, X70685, A08909, AL117394, AF017437, AF1177401, AL133565, U00763, AL049430, AF125948, AF146568, AF091084, AL137463, A03736, U72620, AL137283, AL122098, AJ238278, AL110225, AL122110, X82434, A58524, A58523, AF118094, AL137538, AL050138, X72889, I09360, AL050024, A77033, A77035, E02349, AL137648, X65873, X96540, I03321, Z82022, AF183393, A12297, AL137271, AL080127, U80742, X93495, U35846, AL133072, AL137521, AF087943, AL049283, U67958, AL080159, X98834, A08912, AL110197, AL133077, AF061943, E08263, E08264, E15569, I42402, S61953, AF067728, AL133014, AJ012755, AL133568, I26207, AL137560, U78525, A93350, AF119337, AF111112, AR000496, U39656, AF081197, AR038969, AC006371, AL050172, AR054984, AF026816, AL137556, AL137523, I17767, AF026124, Y14314, AL137526, AF153205, AF008439, AL133104,
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			AL133098, U96683, AL137488, AF003737, AF185576, AL110280, AL133067, E05822, Z72491, AF079763, Y09972, AF081195, AF106827, A07647, M30514, AL122111, Z37987, E02221, AF057300, AF057299, AR013797, AF162270, U68233, I92592, A90832, E08631, A45787, AL117440, AL137476, AF000145, U68387, AR038854, U58996, I00734, X87582, L30117, E00617, E00717, E00778, Y07905, AC004200, AL080074, X83508, E04233, AJ006417, AF111849, U49908, AC007458, AL137533, AL133081, X92070, AF118090, AL117432, AL080158, AL137480, Y10655, AF095901, L19437, AF132676, AF061836, AF210052, AC002464, AL050092, AL137273, A08911 AA994842, AW081730, AA001654, AI420895, AL137442
1138	HUCQC25	875658	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1138, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1138, and where b is greater than or equal to a + 14.
1139	HCRMS71	875661	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 775 of SEQ ID NO:1139, b is an integer of 15 to 789, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1139, and where b is greater

1140	HWLMS13	875662	than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 816 of SEQ ID NO:1140, b is an integer of 15 to 830, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1140, and where b is greater than or equal to a + 14.	W32981, N46181, N46187, AA173644, AA352233, AA384809, R31168, W93675, U68494
1141	HE6GF82	875663	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1096 of SEQ ID NO:1141, b is an integer of 15 to 1110, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1141, and where b is greater than or equal to a + 14.	AW003091, AA033907, AW292095, AW003066, AA994829, AA477259, AI203380, AW051389, AA481953, AW297105, AI168181, AI311568, AA402560, AI983314, AA402729, T32956, T15739, AI283188, AI206971, AI216276, AI285095, AA722476, R16257, F10673, AI888416, AA477907, AI424752, AW002217, AA082650, N83203, AA034007, AA701213, T47308, AI569678, F04444, AI868114, T47307, F01597, F01744, Z19661, AA041439, AW169604, AA455772, AW105601, AI587143, AI589267, AI340519, AI554821, AI682725, AI612885, AI784252, AI590423, AI288285, AI889168, AI345005, AI340511, AI799195, AI862144, AW059713, AI866465, AI310575, AI623746, AI887247, AI950664, AI340533, AI866770, AI273094, AA420722, N72726, AI890806, AL036664, AW075207, AI955906, AI343091, AI624056, AL036980, AI312428, AW268072, AI345735, AI811785, AI826225, AI431424, AL036631, AI307210, AW089471, AI500659, AI440263, AI313320, AW054931, AI340627, AW193134, AI379711, AI310504, AI312146, AI312339, AI345258, AI628296, AI349645,

	AI470293, AW071349, AI916419, AW196299, AI311604, AI811353, AW151138, AI624953, AI890907, AI868204, AA012905, AL038605, AI634224, AW090726, AI306705, AI349957, AI817237, AI283941, AI798373, AI478639, AW022682, AI280747, AI862142, AI247193, AI538850, AI680113, AW071380, AI934036, AI963668, AI349028, AW191916, AI567971, AW170700, AI121496, AW193000, AI312152, AI345347, AI758437, AW075084, AI309443, AW196037, AW163834, AW118508, AI159837, AI348914, AI567612, AI349937, AW020693, AI354283, AI048644, AI689702, AI307543, AI334884, AI348897, AW151786, AI349598, AI307708, AI1312325, AI270707, AI340659, AA761557, AW269097, AI310940, AW151136, AI445115, AI963224, AI133352, AI539771, AW072588, AI334930, AI307736, AW080279, AI471282, AI307520, AI917123, AI340603, AI889147, AI433384, AI499986, AI349186, AI537677, AW089572, AI445237, AI494201, AW083804, AI608667, AW191844, N71180, AA508692, AI345739, AW088037, AI312143, AI690748, AI440426, AI612750, AI119836, AI654601, AW059828, AI434256, AW131428, AI1336495, N75771, AW301300, AI815232, AI801325, AA493647, AI491776, AW268067, AI521560, AI889189, AI500523, AI310582, AI915291, AI274541, AI623682, AI349955, AI582932, AI284517, AI923989, AW075093, AI564736, AI500706, AI491776, AW268067, AI521560, AI889189, AI500662, AI284509, AW172723, AA641818, AI433037, AI349246, AI623796, AW081449, AI866573, AA579232, AI343037, AI633493, AW161579, AA635382, AI349256, AI270055, AI567582, AI805769, W33163, AI2511221, AI888661, AL036705, AW2688253, AL046463, AW191003,
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	AI284513, AI362637, AI573026, AI888118, AL039086, AC006276, A74801, AL049314, A08916, AC004943, A08910, A08909, AF090943, I89947, AL049423, AF039138, AF039137, AF097996, E02349, AL049452, AF124728, U42766, I48978, A08908, AL133098, A08913, AL050146, I89931, Y11254, AR038854, I49625, AL122049, A07647, U80742, AJ012755, Y10080, AF079763, AL122110, AF091084, AL122050, AF118090, AJ242859, AL050108, X96540, AF026816, AL049464, AL110280, AF017437, AL117460, I66342, AL137463, AL137271, AL117394, AF111851, AR068753, M30514, X72889, A58524, A58523, AF119337, X70685, I03321, AF090900, U68387, A08912, AL110225, U91329, AF057300, AF057299, A93016, U00763, AF113694, AF118094, AL110196, AF106827, U58996, AF153205, A93350, AF061943, AR020905, AF113677, AJ000937, Y10936, AL133081, AL137459, AF111849, AL133557, E07108, AL050149, AL117435, U35846, A65340, AL049430, Y09972, L31396, A90832, L31397, AL080124, L13297, A65341, AL049466, AL117649, AL110221, AF113676, Y08616, AL050138, X83508, I00734, AF003737, AL137556, AL137526, AL04938, AL133080, I33392, AL133640, AL117583, AL117585, AF017152, X59414, E00617, E00717, E00778, AL133077, X86693, U78525, AL133113, AL133072, AL137480, AL122123, S78214, E07361, A18777, AR013797, AF113019, AL137283, AF175903, AL049283, AF069506, Z82022, AJ238278, Z37987, AL117457, AF177401, AL122093, AL137550, X93495, AL133606, AL137521, X98834, AF081195, AF113013, AL035458, AF078844, AF113690, AF126247, E05822, AL137560, Z72491, AF000301, AL137529, E08631, AF125948, AL049347, AF146568, A12297, AF061573, AR011880, I09360, AF067728, Y11587, I26207, AL122118, AF113691, AB019565, AL133104,
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			AL133067, AL050277, AL049300, AF118064, AL137557, AF118070, AF113699, AL137648, AL080158, AF125949, AL133568, AF090896, Y07905, X63574, I08319, AC009501, U72620, I89934, X82434, L10353, E04233, A77033, A77035, AL080159, AF087943, AR000496, U39656, I48979, AF183393, AF026124, AF090903, Y14314, AL133016, AL096744, AJ003118, AF158248, AL133014, AL133665, AL137476, AL133560, S61953, AL080086, AL137538, M86826, X84990, AL133075, AL050116, I09499, AL117440, AF185576, AL050092, AF079765, A03736, AJ006417, AL137292, AF106862, AC002467, I41145, AF162270, A08907, AF100931, AL137478, X62580, AF051325, AR038969, AF047443, AF061795, AF151685, A45787, AL137656, AF081571, T66716	AW439287
1142	HSPBC14	875665	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 392 of SEQ ID NO:1142, b is an integer of 15 to 406, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1142, and where b is greater than or equal to a + 14.	AW439287
1143	HOCNE41	875669	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1143, b is an integer of 15 to 421, where both a and b correspond to the positions of	AW206400

		nucleotide residues shown in SEQ ID NO:1143, and where b is greater than or equal to a + 14.	
1144	HCQBE51	875672 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 252 of SEQ ID NO:1144, b is an integer of 15 to 266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1144, and where b is greater than or equal to a + 14.	AL134350
1145	HWL MX4 0	875673 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1145, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1145, and where b is greater than or equal to a + 14.	AW248502, AA868598
1146	HRM MB51	875677 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 421 of SEQ ID NO:1146, b is an integer of 15 to 435, where both a and b correspond to the positions of	AA251591

		nucleotide residues shown in SEQ ID NO:1146, and where b is greater than or equal to a + 14.	
1147	HGBBH61	875678	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1147, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1147, and where b is greater than or equal to a + 14.
1148	HCRNZ51	875680	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:1148, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1148, and where b is greater than or equal to a + 14.

1149	H2CAA51	875681	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:1149, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1149, and where b is greater than or equal to a + 14.	AA306969
1150	HT3A55	875682	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1467 of SEQ ID NO:1150, b is an integer of 15 to 1481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1150, and where b is greater than or equal to a + 14.	AI088910, AW043896, AA005100, AA262517, AI470354, W78980, R89654, AA261819, AI079770, AA037517, AA328236, AI584124, H19672, AI247711, AI217267, AI121782, AB034617, AI121754
1151	HLWBA37	875683	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1078 of SEQ ID NO:1151, b is an integer of 15 to 1092, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1151, and where b is greater than or equal to a + 14.	AI458851, AA142939, AA936413, AI741509, AI335942, AI02201, AA150633, AA446254, AW003610, AI091446, N62521, AI800649, AI880031, AA029154, AA776155, N31764, AA029051, N24835, AI610362, AI582932, AW075413, AI889189, AI433976, AA429993, AL045500, AI433157, AL042753, AI539771, AI923989, AI537677, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI500662, AI284509, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI611738, AI1251205, AI275175,

AI434223,	AI554821,	AL042551,	AI866510,
AL036146,	AI889168,	AI620284,	AI815232,
AI340603,	AI567360,	AL046926,	AL042787,
AI440252,	AI499463,	AI890784,	AW075351,
AI800433,	AW151136,	AL079963,	AI678357,
AA938383,	AW082113,	AI270183,	AI440239,
AL041772,	AI045266,	AI269862,	AI800453,
AI537273,	AI047763,	AL040243,	AI436456,
AL042628,	AI932794,	AI963846,	AI567940,
AI345608,	AW301410,	AI817244,	AI537515,
AI612913,	AI567993,	AI285826,	AI863014,
AI475371,	AI499512,	AI889133,	AI282281,
AL043293,	AI334884,	AI610645,	AI610402,
AI917252,	AI610429,	AI349598,	AI889148,
AW074993,	AI349614,	AI364788,	AI521594,
AL042538,	AI632408,	AI572787,	AA508692,
AI312152,	AI567935,	AI869367,	AI630928,
AW129106,	AI119863,	AI432656,	AI34937,
AI348897,	AI307708,	AI796743,	AI815855,
AI538085,	AI457369,	AW148320,	AI539028,
AW073994,	AI889953,	AI281782,	AI500077,
AW238730,	AI590830,	AI802542,	AW083804,
AL042627,	AA572758,	AI499285,	AW274192,
AI950892,	AL045620,	F27788,	N80094,
AI308032,	AI345745,	AI348854,	AW071417,
AI805769,	AL036396,	AI340582,	AI866608,
AI539847,	AI432666,	AI434468,	AI890833,
AI344817,	AI926790,	AI539632,	AI564719,
AI612885,	AI591420,	AI889376,	AA420758,
AI648663,	AL038605,	AI524671,	AW051258,
AW074869,	AI873731,	AI619502,	AI677796,
AW268253,	AI922901,	AI288305,	AW118518,
AI121496,	AI866457,	AI913452,	AI570807,
AW026882,	AW050522,	AI923370,	AI345735,
AI281772,	AI121286,	AI371251,	AI345416,
AI921248,	AI345612,	AIW188539,	AW301300,

	AI702073, AL079740, AI804983, AW269097, AI933589, AL042745, AW169653, AI648684, AW268220, AI334450, AI345415, AW117746, AI274508, AI476046, AI633125, AI345471, AW302988, AI886753, AI698391, AI312428, AI783504, AI572418, AI686906, AI654276, AI349645, AL119049, AI682743, AI866770, AI758437, AI433037, AI873644, AI627988, AI309401, AI343112, AI889147, AW148294, AW089572, AI498579, AI064787, AI349256, AL039276, AI805762, AI041862, AL039086, AL048496, AW059837, AI955917, AI620003, AI446538, AI499986, AI633419, AI554245, AI306613, AI349957, AI284131, AB032963, U72620, I48979, I48978, AF113689, I89947, A08913, X72889, AF090903, AL133565, A65341, I33392, A08916, AL110221, AF090896, AR011880, AR059958, X63574, A08910, L31396, A08909, Z82022, L31397, AF113699, AL117583, 189931, A03736, I49625, AL117457, AL117435, A77033, AF090934, AL050146, E03348, AL050138, AF113690, A77035, AL133016, AL022165, AL122110, S68736, AC006501, AF113677, AL049452, AF106862, AL137538, AF158248, U42766, AF090901, AL050393, AL133606, AJ012755, Y11587, AL049382, AL137459, U80742, AL122093, AL137527, AL080060, AF113019, X82434, AL133080, S78214, AL137271, AF183393, X93495, U35846, E07361, A58524, A58523, AL137550, AL133557, AF091084, AL050149, AF087943, E02349, AL133560, AL050024, AF118070, AL080159, AL049430, AL133640, AF113013, AJ242859, AF177401, AC007877, AF078844, AL122121, AL122049, AL049464, AL122050, X70685, AL117460, AL122098, AF113676, Y16645, AL137557, AL110196, AL050277, AL117585, AF146568, AL133113, AL122123, AF113694, AF017437, AF118064, AF097996, AL04938, U00763,
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			AF104032, AL080124, AL133072, AL049466, A08912, I03321, AF118094, AF090943, AF111851, AJ238278, AF125948, X65873, AF079765, AF067728, AJ000937, AF113691, AL133075, AL050116, AL050108, AL137463, AL080137, AB019565, AL049314, E07108, AF090900, AF125949, AF026816, AF003737, S79832, X84990, AF026124, AF061943, AL133093, AL049283, Y11254, A12297, A93016, U67958, AL137648, AF017152, AL080127, AL10225, AL117394, AF022363, AF162270, I42402, L30117, AL049300, AL137560, AL096744, AL137521, X96540, AC004383, I26207, AC007179, S61953, AF008439, I09360, E15569, U91329, AC004686, A93350, AF119337, AF110520, AC002464, AL110197, Z98036, AC004883, U96683, AL133077, AR038969, AL137283, AC006336, X98834, AC007748, AR000496, U39656, AL022147, AL050172, AF111112, AL137526, AL133568, E08263, E08264, U95739, AC006017, AF185576, AL137533, E04233, AF153205, AL133104, AF057300, AF057299, Y14314, AL110280, AL022723, AL117440, AL133014, AC004837, AR034830, I96214, AF106827, AC008394, E05822, AL133665, AF079763	
1152	HE2LP33	875687	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 520 of SEQ ID NO:1152, b is an integer of 15 to 534, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1152, and where b is greater than or equal to a + 14.	
1153	HCRMN10	875688	Preferably excluded from the present invention are one or more	AB021638, AB023431, AC005954

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:1153, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1153, and where b is greater than or equal to a + 14.	W72774, AI961188, AA985560, AI269056, AA076186, AA541279, N46999, N51479, T67962, N53622, AL080011, AI952780, AI634350, AW055252, AI887163, AA969375, AA218835, N27874, AI540179, AW050850, AI818353, AI927233, AA528641, AA857847, R81679, AI440399, AI491775, AA594699, AA514684, AA721581, AA814782, AI635634, AA834534, AW163834, AI184903, AW14925, AI623941, AI524179, AI784214, AI539153, AA504514, AW132065, AI611743, AA878955, AI583578, AI824688, AI912434, AI683897, AA015749, AA196287, AL042191, AL049872, U62317, AC002471, AC005374, AC004383, AC006013, AC004878, AL022721, AL035458, AC004837, AC005291, AC004797, AC004934, AC006561, AL035587, AC005829, AC003041, AC002558, Z99495, AC005091, AC005156, AL035687, Z82206, AP000255, AC007458, AC006115, AC006222, AP000247, AL078463, AP000344, AC006344, AP000031, AC005488, AL031346, AL050322, AP000697, AL031281, AC005876, AL137270, U95739, AP000130, AP000208, AF207550, AC002464, AL096776, AC002472, AL022400, AC007172, AL133345,
1154	HKMMR6	875689	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1093 of SEQ ID NO:1154, b is an integer of 15 to 1107, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1154, and where b is greater than or equal to a + 14.	

			AL031732, AL137716, AC004253, AL031984, AC002540, AC007193, AL020997, AF042090, AC006112, US2112, AP000152, AC002430, AF184110, AC002551, AF111168, AC006501, AF130343, AL096791, Z83840, AC005011, AC007384, AL050318 AA489935
1155	HUFDC50	875690	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1155, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1155, and where b is greater than or equal to a + 14.
1156	HKLAB51	875697	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 517 of SEQ ID NO:1156, b is an integer of 15 to 531, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1156, and where b is greater than or equal to a + 14.
1157	HCGBB63	875698	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 812 of SEQ ID NO:1157, b is an integer of

		15 to 826, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1157, and where b is greater than or equal to a + 14.	AA872078, AI299396, W94366, N41036, AI282284, AI185236, AA453236, AI355169, W94475, AA948179, AW025303, AI146903, AI826491, AA827294, AI193123, AA451693, AI168575, AI268775, AI832661, AA885921, AI318374, W78211, AI797521, AW161473, AI878908, AA676574, W16482, AI140474, W19391, AA453076, AA807423, AW376438, W46807, F27907, H70310, AA746789, H22415, AA873324, AA427994, H18364, W16663, AA826881, H18333, C03502, F35271, F34797, AA375365, F322270, W46925, F35644, AA650485, AA758625, N89448, AA889188, AA494406, AA310092, H70822, AA906816, AA338496, AI335184, AA365661, AI906375, AA3411769, AI459562, AA507722, C04086, AA327882, AA625863, F36483, AI906786, AA434582, H44893, W70314, H70823, AA583003, W31888, C01703, AI249827, F28846, H40883, AF044953, X59697	AA827755
1158	HRGDD40	875699	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 600 of SEQ ID NO:1158, b is an integer of 15 to 614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1158, and where b is greater than or equal to a + 14.	
1159	H2LAD49	875700	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 580 of SEQ ID NO:1159, b is an integer of	

		<p>15 to 594, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1159, and where b is greater than or equal to a + 14.</p> <p>C14389, D80193, D50995, C15076, D80024, D80241, AA305409, C14429, T03269, D80045, AW178893, D51060, C75259, C14014, AW178775, D51022, D80134, AW352158, D51250, AW179328, D81026, AW177440, AW378532, D80168, AA305578, D51079, D59695, D80251, D58253, F13647, D80522, D80248, C14227, AW178762, AA514188, AW177501, C14298, AW177511, D80133, D81111, Z21582, C14407, AA514186, AW360811, AW378540, AW377671, C05695, AW375405, AW179012, D80268, AW179024, AW178971, D80132, AW366296, AW179020, AW360817, AW375406, AW177456, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW179007, AW178754, AW177714, D59373, AW377676, AA285331, AW360834, D51097, D80302, D80014, AW179004, D80439, AW178906, AW352170, AW177731, AW178907, AW179019, AW179018, D80247, A1557751, AW378528, AW178908, D51103, AW352174, T11417, AW178983, AW178914, AW378543, AW378525, D59627, D80157, T03116, A1557774, D51759, AW178774, AW178781, AW352163, T48593, C06015, D50981, D80258, D51231, AW178755, D59653, T02974, H67854, AW178986, D45260, D51213, AW378533, AW367950, AA809122, D45273, T03048, C03092, A1525923, H67866, C14957, D59503, D59317, H67858, C14344, C14973, A1525917, D58246, AW179013, D80064, C16955, D51221, D59474, D59551, A1525920, A1525237, D60010, A1514184, D58101, A1535686, A1525235, Z30160, A1525227, A1535961, C14046, Z33452, A1525222, A1525242, A84916, A62300, A62298, AJ132110, AR018138, Y17188, X67155, D26022, A25909, A67220, D89785, A78862, D34614, I82448, D88547, AR008278, AF058696, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, AB002449, A94995, A85396, AR066482, AR060385, A44171, A85477, AR008443, I19525,</p>
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		A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, Y09669, A43192, A43190, AR038669, AR066487, A30438, I18367, D88507, I14842, D50010, Y17187, AF135125, AR008277, AR008281, X64588, A63261, AR008408, I79511, AR062872, A70867, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, AR064240	AW294985, AI656659, AI950220, AI624744, AW003841, AW081373, AI652917, AA332683	
1160	HMSGN49	875703	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 345 of SEQ ID NO:1160, $b$ is an integer of 15 to 359, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1160, and where $b$ is greater than or equal to $a + 14$ .	AA827244, T79702, T82086
1161	HWLMLC49	875704	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 619 of SEQ ID NO:1161, $b$ is an integer of 15 to 633, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1161, and where $b$ is greater than or equal to $a + 14$ .	AA827244, T79702, T82086
1162	HAVMES2	875705	Preferably excluded from the present invention are one or more polynucleotides comprising a	AF109298, AW131127, AI092766, AA149579, N52554, N59831, AA151796, AA687571, AI474235, AA658141, AA296298, AA177004, W31561, AA523588, AI525303,

			the nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1408 of SEQ ID NO:1162, b is an integer of 15 to 1422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1162, and where b is greater than or equal to a + 14.	N59830, AA662843, AA151807, W32120, W32085, W31628, AA523333, AC002064
1163	HCQDP49	875708	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1163, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1163, and where b is greater than or equal to a + 14.	H29023
1164	HCROW44	875717	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1164, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1164, and where b is greater than or equal to a + 14.	T68115, AF090125, AF074264, AC007537, AF074265
1165	HDPHF03	875719	Preferably excluded from the present invention are one or more polynucleotides comprising a	AW237145, AI964041, AI652991, AW388333, AW388283, AW388339, AW388453, AW378440, AW388413, AW388414, AI634155, AW388480,

	<p>nuucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 651 of SEQ ID NO:1165, b is an integer of 15 to 665, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1165, and where b is greater than or equal to a + 14.</p> <p>AW388438, AI624430, AI677965, AI492186,      AW388607, AW388633, AW388711, AI694383,      AI963871, AI015391, N26502, AW388591, AW388449,      AW388687, AW388511, N59336, AI352317, AW197113,      AW366319, AI476054, AA526522, AW388455,      AW388543, N67998, AW388336, AW388273, AW388642,      AW388570, AW388358, AI206626, AW352126, H06135,      R38073, AA639698, AA227926, AI001745, AW388561,      AI267688, AW378421, AW378465, T32854, AW388265,      AI619649, R44314, AW388220, AI423703, F10774,      AW388586, R37116, T16595, C00538, R40211,      H05894, AW388632, AW388615, AA227760, AW352118,      AW023625, AW080157, AA693354, AW161156,      AW020693, AI590043, AI623941, AI923446,      AL079963, AI421662, AI567971, AI469754,      AW089844, AA720970, AI696583, AI923989,      AI818353, AW129264, AI559752, AL038986,      AI500061, AI635082, AW163446, AI401697,      AW059828, AW161098, AW020480, AI491842,      AI538850, AL042944, AI619820, AI434731,      AI114703, AI633125, AI698391, AI802695,      AL120700, AI686808, AL040161, AI744204, N25033,      AI673278, AI370623, AW168406, AL120526,      AL040844, AA641818, AL036954, AA832154,      AI610714, AW160916, AI818574, N29277, AW188525,      AI538829, AI612747, AL043152, AW151974,      AI890907, AI799228, AI817373, AL120588,      AL045413, AI539690, AI627988, AI628325,      AA907131, AW024921, AI567582, AI247082,      AW023338, AI610690, AI884459, AL046942,      AI866801, AL134999, AI121014, AI798456, R20540,      AI446775, AL048323, AI120056, AL048340,      AI047344, N33175, AA937574, AL119863, AI801793,      AI440238, AI583578, AW051088, AI244343,      AI045986, AI929108, AI135517, AL080011,      AW160905, AI285514, AI887308, AI307604,</p>
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		AI374987, AI687568, AI580190, AL042196, AI866131, AI590943, AI699823, AA128805, T95813, AA814990, AI523973, AI815237, AA292158, AI863241, AI285439, AI097137, AI638644, AW169671, AI631076, AA928539, AI824688, AI824576, AI866465, AI872104, AI969655, AI686576, AW087445, AI952306, AI909641, AL036638, AI766348, AL040169, AW151132, AI628850, AI289483, AI457113, AI687944, AI522052, AW021662, AW188390, AI538764, AI682971, AI909697, AI536685, AI815232, AI866090, AI824375, AW162118, AI635950, T66952, AI874238, AW027898, AI687614, AA847198, AI580697, AI631082, AL039274, AW021717, AI421252, AI349012, AF090901, I48978, AL137533, AC007458, AF183393, Y16645, A12558, AF090934, AF113694, AB016226, AF090900, U68387, AL133049, AF079763, AL050149, AF111851, AF002672, AF115392, M85164, AF114784, AJ005690, A65965, AF126247, AF126488, A65943, AL050172, AF106657, I48979, Y10655, X79812, AL117457, U62807, AF124728, AL050143, Y13350, AL137539, X66871, A77033, A77035, AL137554, AL096744, U72621, AL049452, S61953, AL122050, AB025103, AF090886, AL050116, AF125948, AL137488, AF113690, A65340, M85165, AJ00937, A03736, M79462, AL117635, AF113019, A65341, AL122104, AL133557, AL122093, AL133619, AL050393, AL133665, S36676, AL137459, AL110225, Y07905, X65873, AF008439, AL137550, AL133623, AF111849, AF090903, I00734, U92992, AF087943, Z37987, E00617, E00717, E00778, D83032, 189947, AF078844, AL122110, A08456, AF159615, I09499, AL133113, AF139986, AF182215, AL133560, Y11254, A08913, X89102, A91160, AJ010277, AL137254, A91162, AF192522, I28326, AR066485, X70685, Z82022, I80062, AF017152,
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1166	HCRMO82	875722	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1063 of SEQ ID NO:1166, b is an integer of 15 to 1077, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

			NO:1166, and where b is greater than or equal to a + 14.	
1167	HFCDF47	875724	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1163 of SEQ ID NO:1167, b is an integer of 15 to 1177, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1167, and where b is greater than or equal to a + 14.	AI817320, AI147544, AI669712, AA610839, AI955720, AI056448, AI056793, AA402968, AI982764, AA909968, AA643704, AI499360, AW169601, AA832501, AI284966, AW272685, AA665839, AA922928, AA653898, AA470857, AA911776, AI359243, AI423624, AI587214, R14201, AA316613, AA883307, R37484, AA531527, N74317, AI089835, AA915883, AI381713, H04547, AA702343, H04468, AA059276, D30942, W05225, AA401934
1168	HFICJ16	875725	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 684 of SEQ ID NO:1168, b is an integer of 15 to 698, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1168, and where b is greater than or equal to a + 14.	AI394070, AI559997, AC007262
1169	HWILLU74	875727	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1394 of SEQ ID NO:1169, b is an integer of 15 to 1408, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	AI131018, AA579604, AI719085, AI859045, AW131268, AI814819, AI888714, AA568348, AI342165, AI860466, AA534872, AI914155, AI125453, W72331, W74397, AI300474, AA593735, AI498120, AA879110, AA995383, AI914049, AW449767, R60206, AA587361, AA588397, AI016404, H08009, H11647, AI269377, H12175, H19419, AI358021, T35018, AA470365, R14664, AA588354, H27693, H19418, H27694, H73776, AI337500, AI125449, AW078532, AA369905, Z41279, R45641,

		NO:1169, and where b is greater than or equal to a + 14.	AA404338, AA935725, AI678765
1170	HLMDSL3	875728	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 810 of SEQ ID NO:1170, b is an integer of 15 to 824, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1170, and where b is greater than or equal to a + 14.
1171	HODBC46	875729	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 581 of SEQ ID NO:1171, b is an integer of 15 to 595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1171, and where b is greater than or equal to a + 14.
1172	HCYBO46	875731	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 472 of SEQ ID NO:1172, b is an integer of 15 to 486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

		NO:1172, and where b is greater than or equal to a + 14.	D80268, D51250, AW178775, AW177440, AW378532, AA305578, D58253, C14227, D80949, AW369651, D80522, D80168, D52291, D51079, AW352158, D80251, D81111, Z21582, D80248, AW178762, AA514188, AI910186, AA514186, C14298, AI905856, AW177501, AW177511, D80064, D80133, AW360811, C14407, C05695, AW352117, AW176467, AW375405, AW378540, AW377671, AI557751, D80132, AA285331, AW177731, D51097, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW360834, D80302, AW352171, D80439, AW377676, AW178906, AW352170, AW178907, AW179019, AW179024, D59373, D80247, D51103, AW179220, AW177505, AW179020, AW360841, AW178909, AW177456, AW352174, AW179329, AW177733, AW178980, AW179018, D59503, AW378528, AW178908, AW178754, T11417, AW179004, AW177722, AW179012, D80014, AW178914, AW378525, AW367967, D80157, AW177728, T03116, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, AW178983, AW352120, AW178781, T48593, D58101, C06015, D80258, D59627, T02974, AW177723, D59653, AW177508, AW378539, C14975, D51213, D45260, AI535850, AI557774, AW378533, AW367950, H67854, AI525923, AW177497, C03092, H67866, AA809122, C14973, AW178986, AW177734, AI525235, AI525917, D45273, D59317, C14344, D51221, D59551, D50981, D59474, AI535686, AI525920, D60010, AA514184, C14957, D60214, AI525227, C14046, T03048, AI535961, AI525242, AI525912, AW378542, AI525925, AI525215, C16955, C05763, Z33452, AI525222, AF060219, A84916, A62300, A62298, AJ132110, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF0588696, X82626, AR008278, AB028859, I82448, AR025207, Y12724, AB012117, X68127,
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		A82595, A85396, AR066482, A44171, A94995, A85477, I19525, A86792, U87250, AR060385, AB002449, X93549, AR008443, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AF135125, AR066490, Y09669, A43192, A43190, AR038669, AR066487, I18367, A30438, AR054175, D88507, I14842, X64588, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB033111, I79511, D13509, A64136, A68321, AR064240, AR060133, U87247, AB023656, U79457, Z82022, AF123263, AR032065, AR060382, X93535, AR008382	
1173	HCUEB32	875733	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1095 of SEQ ID NO:1173, b is an integer of 15 to 1109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1173, and where b is greater than or equal to a + 14.
1174	HCRNQ45	875734	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1174, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1174, and where b is greater

1175	HWL0086	875736	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 958 of SEQ ID NO:1175, b is an integer of 15 to 972, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1175, and where b is greater than or equal to a + 14.</p>	<p>AW007552, AA631188, AI591162, AI597940, AI913964, AI125099, AA514439, AI732368, AA130570, AA524037, AI732382, AI913985, T24883, T24441, Z82216, AL049543, AE000660, AC005145, AL034369, AL031176, AL022158, Z69906, AL049750, AC007486, AL035552, AC008109, AL022164, Z97181, AC004865, AC002412, AC004075</p>
1176	HSPME53	875737	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 429 of SEQ ID NO:1176, b is an integer of 15 to 443, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1176, and where b is greater than or equal to a + 14.</p>	<p>AI807250, AI089251, AI378396, AI650375, AI087818, AA770446, AI493563, AA805923, H75516, AI493544, AI261989, AA307336, C14331, C14344, C14407, D50995, D59927, AA514188, C14389, D80168, C03092, F13647, D58101, D80022, T02868, D80247, C15076, D45273, D80269, D51799, D59503, D80227, D59502, Z33452, D80228, D80188, D59467, AA305720, D59610, D80378, D80241, T03048, AI535961, AI525922, AI525920, AI525238, AJ005273, X58472, A62298, AF058696</p>
1177	H2CBE48	875738	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:1177, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1177, and where b is greater</p>	<p>AI807250, AI089251, AI378396, AI650375, AI087818, AA770446, AI493563, AA805923, H75516, AI493544, AI261989, AA307336, C14331, C14344, C14407, D50995, D59927, AA514188, C14389, D80168, C03092, F13647, D58101, D80022, T02868, D80247, C15076, D45273, D80269, D51799, D59503, D80227, D59502, Z33452, D80228, D80188, D59467, AA305720, D59610, D80378, D80241, T03048, AI535961, AI525922, AI525920, AI525238, AJ005273, X58472, A62298, AF058696</p>

			than or equal to a + 14.	AW020917, AB007956
1178	HCQDJ47	875739	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 446 of SEQ ID NO:1178, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1178, and where b is greater than or equal to a + 14.	
1179	HDTKC01	875740	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1179, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1179, and where b is greater than or equal to a + 14.	AA521474, AI089721, AW297296, AW181990, AI097236, AI299185, AA931786, AA836613, AA976871, AI279776, R82197, H38948, AI886396, AW078989, W59999, AW235744, H86820, AW265599, AA9336252, AA069472, AA987461, AA886940, N42321, AI524654, AI624859, AI572717, AW243741, AI432644, AW104141, AI345688, AI613314, AI682106, AL047344, AI627714, AI686589, AI801152, AI242248, AW023846, AI874166, AI3336634, AA641818, AI701097, AI950664, AI345415, AW366372, AI491852, AI620056, AI804515, AW020693, AI582912, AI284034, AL041562, AW263804, AI887569, AW022494, AI619587, AW020288, AA056265, AL036780, AI613038, AI624529, AI669459, AI281412, AW163464, AI586931, AI473536, AI434223, AW083825, AI478902, AI884318, AI567211, AA857847, AI922037, AI799674, H41759, AI355613, AI687809, AW083572, AI923871, AW410430, AI537261, AI478282, AI627896, AI352290, AI679959, AI915291, AW152182, AI702527, AI472566, AI540674, AI436429, AL045163, AW020592, AI349957, AI348969, AI584130,

	AI758924, AI345005, AW438793, AI471909, AI565172, AI249877, AW194014, AI804505, AW263823, AW073677, AI868204, AI633125, AI819545, AI345014, AI538564, AI799189, AI452560, AI655932, AI538716, AI699020, AI682640, AI690813, AW075382, AI309306, AW105431, AW411225, AI698391, AI633061, AI281772, AI520881, AI620643, AI355779, AW024594, AW118518, AI568886, AI638644, AI334893, AI688848, AI273856, AI491710, AI628214, AI434731, AI289791, AI473208, AI889189, AI690748, AI569975, AW081047, AI918554, AI306705, AI340627, AI554186, AI620003, AW073898, AI624157, AW148356, AI499570, AI499986, AI591310, AL045413, AL039274, AW022636, AI963068, AI955906, AI702301, AI471429, AL036923, AI866465, AI135024, AI538829, AI624084, R41605, AI889147, AI446124, AI623941, AA815283, AI500061, AI537677, AI439903, AW103628, AI254226, AI521560, AI521005, AI859644, AI699823, AI890907, AW020397, AI683173, AI670009, AI566003, F28295, AW170635, AI244647, AW088605, AW082532, AA019328, AI631264, AW089572, AW055252, AW090103, AW023871, AW192701, AA665612, AW117675, AI433600, AI440263, AI890838, AW079432, AI866573, AA042949, AI541048, AI784214, AL134712, AW152550, AW263569, AA572872, AI500523, AI538850, AW029317, AI859991, AI536836, AA827691, AI581033, AI925744, AI305157, AI473471, AI345612, AI241744, AI583578, AI349958, AI288285, AI254814, AA761557, AI345416, AA939199, AI310575, AI868180, AW024360, AW193467, AL039086, AI680504, AI648699, AI886181, AI285439, AA693331, AI433611,
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	AI254420, AW025279, AI678850, AI590043, AW129264, AB023145, AB028449, AL122045, U49908, AL080074, AL122100, X57084, AL122104, AF004162, AL137711, AR038854, E02152, AF002672, I89947, L13297, A18777, AF118094, I48978, I33391, U42766, AL137558, U88966, E12806, AJ006039, A08913, U80742, AL137488, AL049324, E03671, AL117626, AL050149, A08912, AF141315, AF090901, X65873, AL133049, S77771, AF119337, U92992, I89931, U35846, AL117460, AL049466, AF032666, S76508, A08910, A08911, I89934, I49625, A08909, E02253, AF142672, M96857, X06146, AF185576, A08907, A08908, I52013, I32738, AL080126, A58524, A58523, Y18678, U58996, AF146568, AF119358, AL137539, Z97214, AR020905, AF036941, U72621, AF038440, A18788, AL050015, A86558, AL050208, A77033, A77035, AL133640, AF139986, AL137555, AF019298, AF000145, AL110280, X57961, AF115410, AL137283, AF090943, AF115392, AL137459, I17767, S82852, AL133113, AL049452, AR068466, A15345, AF026816, S75997, S78453, AL137478, X83544, AL137530, X80340, AL137271, AL049314, AL137258, M85165, U86379, AF026008, E12580, AF044323, AF061981, AL133619, AL137465, AF055917, AL035587, A17115, A18079, AL080124, AF067790, AL133637, AJ000937, AL133557, AL110158, E12579, U57352, AL122118, AL117435, E02221, A90832, AF008439, AL137479, I00734, AF113694, S63521, AR068753, AL133558, A65341, X70685, AF069506, X72624, AL050280, AF031147, AF183393, AF159148, Y09972, X54971, 109499, E00617, E00717, E00778, AF016271, AF030513, X66975, AF102578, AF106862, AF057300, AF057299, I89944, E12747, A21103, X63410, Y10823, AF106657, AL050172, AL117416, AF151109, AL080140, AF194030, E06743, AB016226, AF113019,
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			A57389, AF113677, X66862, AL049339, Y16645, AL117587, AF087943, AL050277, AF107847, AL133081, AF141289, AF079763, AJ242859, AF047716, AL110221, AF090903, Y14314, AL050116, U51123, AF125948, L31396, AF158248, AL110224, A12297, AL110222, AL137548, L31397, AJ005690, AF061943, AL1137476, DB3032, AL133665, AL137537, X81464, S83456, AL133067, D83989, AF017437, AF126247, X66871, AL049938, E04233, Y11254, AF038847, U02475, AL080159, AF200464, E15324, AF150103, AL137533, AF199027, U49434, X67813, AF137367, AJ012755, AL050366, AF113013, I29004, X66417, E01573, E02319, AF106945, AL137463, AL110171, X98066, Y106555, AF091084, AF090934, AF100931, S36676, AL049464, AL049382, X92070, AL137281, I26207	R17097	AI133562, AA885881, AI783849, AA829608, AW058434, AL109610, AC005071, Z54246, Z69837, AC005516, AC007055, AC006057, AL078583, AF097732, AC005220, AC006964, AC004030, AC008545, AL049780, U91327, AC006023, AL020997, AL133371
1180	HCQDI44	875746	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 335 of SEQ ID NO:1180, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1180, and where b is greater than or equal to a + 14.	R17097	AI133562, AA885881, AI783849, AA829608, AW058434, AL109610, AC005071, Z54246, Z69837, AC005516, AC007055, AC006057, AL078583, AF097732, AC005220, AC006964, AC004030, AC008545, AL049780, U91327, AC006023, AL020997, AL133371
1181	HNFGP44	875747	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1181, b is an integer of 15 to 379, where both a and b		

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1181, and where b is greater than or equal to a + 14.	
1182	HWLQG44	875751	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 389 of SEQ ID NO:1182, b is an integer of 15 to 403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1182, and where b is greater than or equal to a + 14.
1183	HMMMD4	875752	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1183, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1183, and where b is greater than or equal to a + 14.
1184	HCQAC43	875753	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 629 of SEQ ID NO:1184, b is an integer of 15 to 643, where both a and b

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1184, and where b is greater than or equal to a + 14.	
1185	HWLUF33	875754	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 537 OF SEQ ID NO:1185, b IS AN INTEGER OF 15 TO 551, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:1185, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.
1186	HCRPE66	875760	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 553 OF SEQ ID NO:1186, b IS AN INTEGER OF 15 TO 567, WHERE BOTH a AND b CORRESPOND TO THE POSITIONS OF NUCLEOTIDE RESIDUES SHOWN IN SEQ ID NO:1186, AND WHERE b IS GREATER THAN OR EQUAL TO a + 14.
1187	HCYBD73	875761	PREFERABLY EXCLUDED FROM THE PRESENT INVENTION ARE ONE OR MORE POLYNUCLEOTIDES COMPRISING A NUCLEOTIDE SEQUENCE DESCRIBED BY THE GENERAL FORMULA OF a-b, WHERE a IS ANY INTEGER BETWEEN 1 TO 552 OF SEQ ID NO:1187, b IS AN INTEGER OF 15 TO 566, WHERE BOTH a AND b
			AA280724, AW369170, R26169, H02035 AA922154, AI921318, AA909502, W73883, AC005021, L48427 AA700080, AA305107, AI241587, AW295338, AI198105, T07192

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1187, and where b is greater than or equal to a + 14.	W03161, AA372394, AA626628, AL134565, AA321501, AA598424, N46519, AI832184, AF003625, AC004065, AL022401, AC000980, AL022577, AC004066, AC004043, AL023878, AC007313, AC003091, AL031289, AF055066, Z80903, AL049778, AC005017, AC007533, Z73913, AC006257, AL132668, AL021329, AC001017, Z83820, AL031388, AC003976, AC002463, AC012085, AC004051, AL009047, AL022400, AL031673, Z94055, AC016831, AL133239, AL096803, Z83850, AC006197, AF126403, AC006466, AF002223, AC000114, AF036876, AC009891, AL031114, AC006195, AL121595, AL109847, AC006397, AL031116, AL080316, AL008629, AL034412, AL050401, U80459, U96409, AP000127, AP000205, AL009028, Z93929, AF003528, AL022727, AC004057, AF188025, AC006545, AC004010, AC006546, AL009174, AC006313, AP000245, AL031466, AF020801, AC002990, AC005539, AC005352, AP000141, AC008082, AL034351, AC002394, AC005703, AC006207, Z95126, AL133241, AC005939, Z95114, AP000088, AC005859, AL109662, AL022154, AL035695, AC000110, AC007004, AL030996, AL031074, AC002071, AC005337, DB7675, AC004959, AL031584, AC004544, AC018633, AC004470, AL049859, AC007243, AL034410, AC004069, AL079306, AL121652, Z68746, Z99572, AL132777, AL035258, AL132774, AC006365, AC004908
1189	HCRNA26	875766	Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

		is any integer between 1 to 526 of SEQ ID NO:1189, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1189, and where b is greater than or equal to a + 14.	R30734, R58196, AI808768, AI809938
1190	HCQDD42	875768	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 475 of SEQ ID NO:1190, b is an integer of 15 to 489, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1190, and where b is greater than or equal to a + 14.
1191	HCRNN21	875769	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:1191, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1191, and where b is greater than or equal to a + 14.
1192	HCRNH26	875772	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a

			is any integer between 1 to 814 of SEQ ID NO:1192, b is an integer of 15 to 828, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1192, and where b is greater than or equal to a + 14.	
1193	HDPWD42	875773	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 266 of SEQ ID NO:1193, b is an integer of 15 to 280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1193, and where b is greater than or equal to a + 14.	N91462, AI873775
1194	HTAET42	875774	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1194, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1194, and where b is greater than or equal to a + 14.	AC006946
1195	HMCIK65	875778	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AA488988, AI658816, AI808265, AI634138, AI695249, AA954672, AW236923, AA495812, AI308233, AA910211, AA488768, W21487, AI014480, AA484868, AW382542, N91779

		<p>is any integer between 1 to 923 of SEQ ID NO:1195, b is an integer of 15 to 937, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1195, and where b is greater than or equal to a + 14.</p>	<p>AA609595, AI034361, AA983577, AA948387, AI660929, AI277113, AA906837, W60817, W60814, R54995, AI828307, R55002, AI927134, AW448912, AW022996, AW020086, AL036634, AL036759, AI036858, AL036924, AL038447, AL037082, AL037639, AL119319, AL036719, AL110306, AI929108, AW071417, AI927233, AI621341, AI307557, AW162194, AL037615, AW084056, AI335214, AL035928, AL037021, AL037643, AL036167, AL038529, AW161202, AI537677, AW087445, AW079432, AW161098, AI349186, AI961589, AI474646, AI887775, AI583578, AL037049, AW151136, AI815232, AW303089, AW163834, AI623941, AW051088, AI270183, AL048298, AI567971, AI471429, AW023351, AI631977, AA580663, AI888665, AI445620, AI500061, AI866770, AL046944, AI285439, AI476076, AI475371, AL040636, AI440238, AI538885, AI889376, AI679550, AW020397, AI445611, AW163554, AI494201, AI679266, AI284509, AA572758, AI499963, AI340519, AI340603, AL045500, AI433157, AI345745, AI702073, AL036808, AI828412, N33175, AA420722, AI521560, AI523806, AW022102, AL040241, AI633125, AL036638, AI698391, AI446373, AI915291, AA514684, AI582932, AW411043, AI889189, AI380329, AI824576, AI241901, AI432570, AL138388, AI345688, AI923989, AI458588, W74529, AI274768, AI1254727, AI818728,</p>
1196	HDTGQ43	875779	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1196, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1196, and where b is greater than or equal to a + 14.

	AI625209, AI866090, AL042551, AI802542, AL119863, AL040011, AW023338, AI345608, AA938092, AI933992, AI554485, AI554821, AL048323, AA259207, AA806719, AI290153, AI801556, AI539771, AI890576, AL048340, AW152182, AI623736, AW366372, H42557, AW022636, R32821, AI500659, AI345471, AI366549, AW269097, AI801325, AI500523, AI582966, AI538867, AI284517, AI499986, AI500706, AI307543, AI491776, AI445237, AW151138, AI434731, AI909661, AW172745, AI500662, AI680221, AI889168, AI345253, AI284060, AL039011, AI344935, AI866573, AI633493, AI433590, AI434256, AI245008, AI589428, AI805769, AI251221, AI888661, AI284513, AA464027, AI702065, AI88118, R75918, AI690948, AI889147, AW020095, AI536601, AI440252, AL047422, AI349957, AI758988, AL043321, AI536912, N29277, AL119836, AW410259, AI886415, AI345677, AI561356, AI352497, H89138, AL037454, AL042365, AL038605, AL119791, AI670009, AI689614, AW075382, AI801793, AA693314, AW089006, AA836168, AL038778, AA579232, AA6335382, AW403717, AI866127, AL046466, AA088789, AI334930, AI918435, AL039086, AI802240, AL047344, AW169784, AW089275, AI349937, AI638644, AI560545, AW189301, AI288305, AI699823, AI620284, AI334445, AI866469, AW008353, AL120300, AI678428, AW168875, AI859991, AI582367, AI912434, AW170773, AI249877, AI690813, AI582926, E03348, Z82022, I89947, AL049283, I48978, I66342, AL110159, U67958, Y10655, A08916, AF182215, S68736, AR034821, A08913, AL049347, AL137271, AL080127, AL080140, AF026816, AL137539, A08910, A08909, AL117457, AR011880, Y11587, E03671, AL080159,
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	Z97214, AL137627, Y14314, I32738, S77771, AF113689, I89931, X79812, AF087943, AR029490, U75932, AL080060, I49625, S83440, AL117435, AF079765, AL122110, AF069506, AL133075, M92439, AF183393, AL050116, AF158248, AL137550, AF100781, AF113019, AL110296, AL137538, AF026124, Z37987, AR029580, S61953, AL049466, AF125948, AL137292, I48979, AF078844, AL050277, AL133093, AL137554, A07647, AL050146, U80742, U49908, A77033, A77035, I33392, AF061795, AL050149, AF151685, AF177401, AL050138, AL110280, X72889, AF028823, AF118094, AL133640, AL137459, AF079763, AL110221, AL133016, A45787, AL050393, E07361, AF094480, AF090900, AL137533, AL122121, AF057300, AF057299, AL133560, AL133081, AF118092, U86379, AL137711, U87620, AL137656, A08912, Y10080, X82434, AF100931, A18777, A07588, AF113699, AJ238278, AF090903, AL096744, AF180525, AL133606, A03736, AL137521, X63574, AJ005690, AJ012755, AR038854, AL133637, AF113677, AF090943, AR000496, U39656, A08908, X84990, AF017790, M96857, AL137529, I30339, I30334, AL137256, AR068753, AF061573, AL137479, S76508, AL080124, AL137463, AF111112, X63410, AL117648, AL122049, Y16645, A65341, AL137478, AL110196, AL122050, AF141289, AR059958, AL117460, AL133077, AL122093, AL133619, AL133565, X98834, AF113691, AF113690, AF017437, AF097996, AL133080, AF146568, X93495, AL133049, AL137476, A93016, I00734, AL137283, S36676, A65340, X80340, M30514, AF047716, AL049452, AF113676, E00617, E00717, E00778, U68387, AL050108, AL080126, U35846, AF008439, I89934, AF113694, X66862, A86558, AF067728, AL080154, Z13966, AL137648, M86826, AL133568, AL117392, AF081197, AF081195, AL122123, U88966, AF091084,
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		AF207750, A57389, AL117463, AL049938, Y11254, AL137523, AR038969, U90884, E02349, AF106827, AF111849, E15324, E07108, AF015958, U78525, AL133113, AL133072, AL137480, AF102578, AF106862, S78214, A58524, A58523, AF003737, AL137556, AF175903, AL050024, AL049430, I26207, AL117583, X52128, AL117585, AL133557, A93350, E01314, I03321, AF090901, A12297, U91329, D55641, AF090934, AF118064, I09360, AF118070, AL137560, AL122098, AF017152, U00686, AJ003118	AI291051, AA169183, W37412, AA081743, AA634346, W37413, N95342, AA757329, N49251, AI051537, W25251, AI028044, AI765214, H96923, AA844562, AW367898, N84978, N46525, AA169311, Z19468, AC007671, X77922, L43494, D26360, L32867, D45255, U53883, L38677, X84235, AC007544, AF088002	AI443447, AW386761	AA514691, AI863374, AA634463, AW015540, Z41103, AL046561
1197	HT2SF78	875780	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1497 of SEQ ID NO:1197, b is an integer of 15 to 1511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1197, and where b is greater than or equal to a + 14.		
1198	HCRMG60	875781	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:1198, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1198, and where b is greater than or equal to a + 14.		
1199	HCRNC13	875782	Preferably excluded from the present invention are one or more		

			poly/nucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 495 of SEQ ID NO:1199, $b$ is an integer of 15 to 509, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1199, and where $b$ is greater than or equal to $a + 14$ .	
1200	HCRPH74	875783	Preferably excluded from the present invention are one or more poly/nucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 252 of SEQ ID NO:1200, $b$ is an integer of 15 to 266, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1200, and where $b$ is greater than or equal to $a + 14$ .	AW058223, AI891075
1201	HCQDW41	875784	Preferably excluded from the present invention are one or more poly/nucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 380 of SEQ ID NO:1201, $b$ is an integer of 15 to 394, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1201, and where $b$ is greater than or equal to $a + 14$ .	AA236027, U91326, AF001549, U95742, AC007216, AC002045, AC002039, AC002425, AC002544
1202	HCRMZ22	875785	Preferably excluded from the present invention are one or more	AA226868, AA668240

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1202, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1202, and where b is greater than or equal to a + 14.	
1203	HCQDE41	875786	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1203, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1203, and where b is greater than or equal to a + 14.	AA454059, N81040
1204	HMKCZ06	875787	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:1204, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1204, and where b is greater than or equal to a + 14.	AI732208, AW007403, AA570148, AI990949, AA974880, AA502007, AA587096, AI748880, AA918155, D25690, AW338222, AA916641, AI732207, AI679197, AA532851, AA877116, R55320, AL031587, AL022322
1205	HMEGG05	875789	Preferably excluded from the present invention are one or more	AA126720, AA304970, C05706, AW074185, AI963381, AI278686, AI673497, AI355944,

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2462 of SEQ ID NO:1205, b is an integer of 15 to 2476, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1205, and where b is greater than or equal to a + 14.	AI254709, AI556972, AA861926, AI696647, R15875, N77782, AI583602, AA424183, AA424252, AA860484, AI590425, AA962253, AI539094, AA872756, C04708, H89906, AI1245750, AI015771, AW087562, AW179256, AI857288, C20598, AA688200, AI866350, AI887115, AA370173, AA720604, AA599102, AA594409, AI351720, AI818385, AI859521, AA360027, AI500090, AC006153, AJ250713, T66501
1206	HNTMD41	875792	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 616 of SEQ ID NO:1206, b is an integer of 15 to 630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1206, and where b is greater than or equal to a + 14.	AI689837, AW157773, AW134686, AI986479, AI879625, AW418716, AA975403, N90063, AA400229, AA554561, AI202416, AI208155, AI269000, AA480947, H05090, AA400228, AW137275, AI701698, AW392920
1207	HCRNJ24	875794	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 741 of SEQ ID NO:1207, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1207, and where b is greater than or equal to a + 14.	AA827926, AI860653, AW161711, AI808773, AI636695, AA741501, AA740727, AI889967, AW070423, AI075387, AI754281, AI300905, AI150922, N62430, AA142986, AW243049, T88858, AW298247, N67204, AI866174, AA150916, AI830959, AW361300, AA630806, AC006011
1208	HWABK33	875798	Preferably excluded from the present invention are one or more	AA977204, AA449116, AI377322, AI632071, AI743462, AI700245, AA613327, AL135261, N68390,

	polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 586 of SEQ ID NO:1208, b is an integer of 15 to 600, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1208, and where b is greater than or equal to a + 14.	AA236532, Z39901, AI370677, H17781, T34975, AA936440, AW087776, AI886612, AI653609, AA593199, AA804236, AI285242, AA805442, AI686576, AW263796, AI553645, AW089275, AI927755, AI621341, AI623941, AI698391, AW104724, AI699865, AA848053, AW148536, AI624548, AI472536, AI567582, AI673363, AI537837, AW051088, AI815232, AI538564, AI915291, AW152182, AA908294, AI582932, AI889189, AI866469, AI624056, AI417790, AI884318, AA514684, AW167146, W74529, AI624304, AI609069, AI932794, AL046595, AI491842, AI121328, AI491805, AI590423, AI909661, AI690887, AI969655, AI370623, AW149925, AI865906, AI498067, AI784233, AI888746, AW078606, AW162194, AI624545, AI635492, AI874261, AI863665, AW189301, N33175, AW262491, AI886753, AW169234, AI798456, AI690410, AI917428, AW103878, AW029186, AI631216, AI042382, AI251221, AW265004, AL046944, AI499570, AI742728, AW118518, AW162690, AI866780, AI538885, AI927233, AI818353, AI963846, AW089405, AL043975, AI568138, AI590603, AI564426, AI870190, AI802542, AI440399, AA629959, AI273085, AI686817, AI522052, AW160916, AI635032, AI609409, AI583578, AI473528, AW073865, AI590043, AI207656, AI500061, AI799313, AL036673, AI469270, AI500714, AI225023, AI537244, AW090768, AI565128, AW129722, AI473536, AI499890, AI002285, AI819545, AI469532, AI583065, AI564719, AI288305, AW163834, AI345415, AW088328, AL079963, AW044386, AI702073, AI912356, AI636588, AI241763, AI812107, AI538764, AI913330, AW169671, AI570989, AI269580, AI538716, AW090736,	
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1209	HCYBC44	875800	

		the general formula of a-b, where a is any integer between 1 to 769 of SEQ ID NO:1209, b is an integer of 15 to 783, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1209, and where b is greater than or equal to a + 14.	
1210	HWLQA40	875801	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1210, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1210, and where b is greater than or equal to a + 14.
1211	HWHP143	875804	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1211, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1211, and where b is greater than or equal to a + 14.
1212	HKCSF43	875805	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by

			the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1212, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1212, and where b is greater than or equal to a + 14.	
1213	HCQAD39	875808	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:1213, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1213, and where b is greater than or equal to a + 14.	AI309859, AI809088, AI650556, AI377258, AA629018, AW206377, AI968047, AI400261, AI014432, AI014514, AI143472, R02586, AI538164, AW387895, AW237769, AI474528, AA884915, AW387862, AA007677, AI522203, AW382761, X85547, AL080091
1214	HCRNL08	875809	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1074 of SEQ ID NO:1214, b is an integer of 15 to 1088, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1214, and where b is greater than or equal to a + 14.	AI539366, AI769976, AW172437, AA425434, AA425297, AA279085, AI147845, AL119860, AI382211, AA287851, AA747806, AA9333947, AA905535, AW204513, AA235991, AI222124, AA368273, AA287818, AA713651, AA972476, AA235795, AA713778, AF117888, AJ001714, AJ001713, L29148, L29135
1215	HCRNY14	875810	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

			the general formula of a-b, where a is any integer between 1 to 368 of SEQ ID NO:1215, b is an integer of 15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1215, and where b is greater than or equal to a + 14.	AW239403, Z99396, AW392670, AL119522, AW384394, AW363220, AL119497, AW372827, AL119443, AL036418, AL038837, AL119335, AL037051, AL036725, AA631969, AL119319, AL119324, AL119457, U46341, AL119396, AL036858, AL119483, AL119484, AL119363, AL119341, AL119391, AL119355, U46347, U46350, N71828, U46349, U46351, AL119496, AL039074, AL036924, AL042551, AL119418, AL119444, U46346, AL119399, AL042614, AL037205, AL119439, AL038509, AL042965, AL042975, AL134524, AL039564, AL134533, AL134528, AL037085, AL039085, U46345, AL039156, AL039108, AL039109, AL039128, AL042450, AL042984, AL119488, AL037094, AL037526, AL134527, AL134529, AL134538, AL036196, AL036190, AL043003, AL037639, AL042970, AL038520, AL039659, AL042542, AL036767, AL119511, AL042544, AL037082, AL043019, AL043029, AL036268, AL039912, AL037077, AL038447, AL036238, AL119464, AL038851, AL036774, AL042909, AL036733, AL036998, AL037027, AL037178, AL037615, AL036765, AL036719, AL036679, AL036191, AL036886, AL039410, AF105376, AC005411, AF105377, AF168992, AC005224, A81671, AR060234, AR066494, AC005375, AR023813, AR064707, AR069079, AR054110, AB026436	M59710
1217	HCRQK63	875815	Preferrably excluded from the	M59710	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 503 of SEQ ID NO:1217, $b$ is an integer of 15 to 517, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1217, and where $b$ is greater than or equal to $a + 14$ .	
1218	HWLVS38	875816	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 760 of SEQ ID NO:1218, $b$ is an integer of 15 to 774, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1218, and where $b$ is greater than or equal to $a + 14$ .	AI671182, AI343459, AA071514, AI917350, AW235354, AA648922, AI985626, AA082291, AI857422, AW139217, AA341262, AI800535, AA913262, Z99396, AL119457, AL119324, AW392670, AL119443, AL119399, AL036418, AL038837, AA631969, AL037051, AL036725, AW384394, AL036858, AL039074, AW363220, AW372827, AL119483, AL119418, AL036924, U46349, AL119497, AL119484, AL037094, U46347, U46351, U46350, AL119355, AL119319, AL119335, AL038509, AL039564, AL039085, AL039156, AL119363, AL119391, AL039108, AL039109, AL039128, AL119439, AL036196, AL036190, AL119444, U46341, AL119522, AL119341, AL037639, AL119396, AL036767, AL037526, AL134527, AL037085, AL119496, AL037205, U46346, AL038531, AL134538, AL036268, AL037082, AL038520, U46345, AI142134, AL038447, AL037077, AL037027, AL037178, AL037615, AL038851, AL036998, AL036733, AL036774, AL036719, AL036765, AL036679, AL036174, AL036191, AL036158, AL036836, AR060234, AR066494, AR023813, A81671, AR064707, AR054110, AB026436, AR069079
1219	HCRNT27	875817	Preferably excluded from the present invention are one or more	AL035461

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 542 of SEQ ID NO:1219, <math>b</math> is an integer of 15 to 556, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:1219, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	
1220	HCRMT24	875819	<p>Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 134 of SEQ ID NO:1220, <math>b</math> is an integer of 15 to 148, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:1220, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>
1221	HCRNQ33	875820	<p>Preferrably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 315 of SEQ ID NO:1221, <math>b</math> is an integer of 15 to 329, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:1221, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>
1222	HWLUO71	875821	<p>Preferrably excluded from the present invention are one or more</p>

			polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:1222, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1222, and where b is greater than or equal to a + 14.	AI193178, AI076316, AI470965, AA703140, N34056, T80181, AI241153, AI952208, R37322, AA385859, W86007, N46975, AA700249, T48765, T87488, R97030, AC004150
1223	HTXRZ02	875822	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1285 of SEQ ID NO:1223, b is an integer of 15 to 1299, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1223, and where b is greater than or equal to a + 14.	AI027620, AI478256, AA977072, AA479381, AA479885, H39098, AI660057, AI743611, AA724117, AA894537, H00481, AW304843, T73210, AI953325, AA102063, AA770698, AA428456, AI370710, R60534, C03787, AB020650
1224	HWMBO4 7	875824	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1048 of SEQ ID NO:1224, b is an integer of 15 to 1062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1224, and where b is greater than or equal to a + 14.	AI027620, AI478256, AA977072, AA479381, AA479885, H39098, AI660057, AI743611, AA724117, AA894537, H00481, AW304843, T73210, AI953325, AA102063, AA770698, AA428456, AI370710, R60534, C03787, AB020650
1225	HCQCC37	875825	Preferably excluded from the present invention are one or more	AL046573

		polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 594 of SEQ ID NO:1225, $b$ is an integer of 15 to 608, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1225, and where $b$ is greater than or equal to $a + 14$ .	AA527277, AW403876, AA112026, T67786, AI336206, AI472267, T11388, AI613487, AI889648, AI168361, D25667, AA586553, T18557, T67710, AI445768, AI567831, AI744381, AI921692, AI274006, AI042027, AI240308
1226	HUVGY13	875826	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 875 of SEQ ID NO:1226, $b$ is an integer of 15 to 889, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1226, and where $b$ is greater than or equal to $a + 14$ .
1227	HPMFM59	875828	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 725 of SEQ ID NO:1227, $b$ is an integer of 15 to 739, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1227, and where $b$ is greater than or equal to $a + 14$ .
1228	HCRO142	875832	Preferably excluded from the present invention are one or more

AI378825, AI299691, AI248716, AI207012, AI025488, AI801275, AW139379, AI075931,

		polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:1228, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1228, and where b is greater than or equal to a + 14.	AI129182, R56213, AI868688, AI540526, AI352622, AI887854, AB014521, AF141884, AC004782
1229	HACBB04	8758333	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1582 of SEQ ID NO:1229, b is an integer of 15 to 1596, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1229, and where b is greater than or equal to a + 14.
1230	HMMAC3	875834	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 566 of SEQ ID NO:1230, b is an integer of 15 to 580, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1230, and where b is greater than or equal to a + 14.
1231	HDPFA20	875836	Preferably excluded from the present invention are one or more AI476641, AI800220, AA523781, AA688160, AW274475, AA279690, AA831827, AA480351, H23404,

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1662 of SEQ ID NO:1231, $b$ is an integer of 15 to 1676, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1231, and where $b$ is greater than or equal to $a + 14$ .	AA810727, AI689632, AA353334, R28470, AA927802, Z45246, AA279721
1232	HTGBQ40	875837	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 380 of SEQ ID NO:1232, $b$ is an integer of 15 to 394, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1232, and where $b$ is greater than or equal to $a + 14$ .	AI650736, H21389, AI336480, H21432, AI264947
1233	HDPWDS3	875838	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 487 of SEQ ID NO:1233, $b$ is an integer of 15 to 501, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1233, and where $b$ is greater than or equal to $a + 14$ .	
1234	HCROZ63	875839	preferably excluded from the present invention are one or more	T08857

			polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 347 of SEQ ID NO:1234, $b$ is an integer of 15 to 361, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1234, and where $b$ is greater than or equal to $a + 14$ .	
1235	HWABJ67	875840	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 534 of SEQ ID NO:1235, $b$ is an integer of 15 to 548, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1235, and where $b$ is greater than or equal to $a + 14$ .	AI743586, AW021263, AA934444, AI051436, AA525488, AA515054, AA737382, AI561320, AI566429, AI500523, AI590021, AW169671, AI890838, AI619607, AI890214, AI1312428, AI499381, AI624693, AI500061, AI283760, AI340519, AI934035, AI637584, AW021717, AI633330, AW198090, AW087462, AI684279, AI493567, AI609594, AW129659, AI683475, AI906328, AI539153, AI673363, AW081298, AI889133, AL039132, AI963068, AA928539, AI802542, AI251221, AI571439, AI670002, AI591420, AL037454, AI288285, AI698391, AW089840, AI560012, AW169604, AW089439, AI564736, AI285448, AW051212, AW192652, AI6333125, AI609331, AI439452, AI963846, AW192701, AA470523, AI471909, AI921379, AI686554, AI609128, AI915291, AW274192, AI610690, AI270183, AI432656, AI929108, AI926790, AI889189, AA769285, AW129106, AI815239, AA768550, AI758583, AL036705, AW163834, AL036780, AI624548, AI887308, AW161098, AI678496, AL039858, AI702073, AI624084, AI246905, AI890223, AL042365, AI524671, AL037582, AL036361, AL037602, AI345543, AA916372, AI702343, AI582932, AL120676,

	AI634224, AI623941, AI521560, AI119863, AI932794, AI525669, AA420722, AI690748, AL045929, AI538116, AL038715, AI433157, AI623799, AI798456, AL119748, AI916419, AI813914, AA938092, AW080746, AI286256, AI572021, AI281762, AI921464, AI301710, AI950892, AI619754, AI812107, AI79273, AI863241, AI284484, AI688858, AI539780, AI871923, AI969655, AI570807, AW169132, AW051088, AI345666, AW105429, AA805434, AI918435, AI758694, AI340603, AI670009, AI923989, AI619777, AI682106, AI570169, AI500588, AI306705, AW268122, AI815232, AI525653, AI923370, AI932966, N33175, AW071349, AI912356, AL042745, AA603930, AL042544, AI925502, AI241678, AI702433, AI348854, AI922689, AW190297, AA807015, AL134830, AI673422, AI801325, AW080090, AI433590, AI619502, AI648699, AI859429, AI270099, AI473554, AW020693, AI912496, AI583085, AW163823, AI636588, AI497733, AI874166, AL045500, AI538829, AI119836, AI610402, AI800440, AI612913, AI499393, AI273094, AI345415, AI207656, AW366372, AI866770, AL036631, AI611743, AI537677, AI768496, AI473208, AI874243, AI498067, AI471540, AI799158, AL110306, AI824576, AL048323, AI817545, AL048340, AW152182, AW087445, AW148536, AI499285, AW168001, AI624545, AW129722, AA767039, AW151138, AL047100, AI702068, AI697137, AI473536, W74529, AI815237, AI310575, AW151786, AW151136, AW118508, AI859464, AI612107, AI452707, AI572787, AI340533, AI494201, AI917252, AW152459, AW193911, AW078729, AI362522, AI862139, AI874261, AL079741, AI933589, R36271, AF116545,
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	AF116548, AF116547, AF116546, AL133031, AL137538, AL050116, AF111851, 189947, AF090943, AR053103, AL137271, AF069506, AL133557, U35846, AL133080, AL133072, A08910, A08909, I48978, A77033, A77035, AL078602, AL049382, U42766, A65341, E02349, X72889, Z82022, A08913, AL117435, AL122121, M27260, U89295, A58524, A58523, AL133560, AL035587, AL080159, AF183393, AL117460, AL133075, AF090903, AL050149, AF125948, Y07905, AL122110, AC007172, U68387, AL137550, AF113691, AC002471, AC005374, AF113690, AF017437, AF067728, AL049283, AL137459, AF090900, AF106862, S61953, I89931, AL133558, A08916, Y10655, I49625, U92992, I33392, A21625, AF200464, AL110225, E01573, E02319, AF100931, AL117457, Y11587, A76335, AF141289, AL133113, AL050138, AF057300, AF057299, Z83840, X70685, U73682, AC007458, X83508, X82434, AF019298, AC006978, S78214, AL117648, AF091084, AF113019, AF113677, AF153205, AL110221, AL049452, U91329, AF140224, AL080124, AF126247, AL050277, A08908, AL137560, I48979, AF077349, Y13653, AL035458, AF118094, AF087943, AL133640, AL117585, I03321, AF180525, U80742, AL137480, E08516, I00734, AL137463, AJ001388, M19658, A65340, AF118070, AJ242859, AR059958, AF185614, E00617, E00717, E00778, AL137479, AL137476, AC004383, AF078844, X87582, AJ000937, AF106697, AF158248, AL050108, AL133568, AL133565, AJ005690, AJ012755, M84133, A26498, AF076464, U67958, AL122093, AF102578, AL110280, AF118558, AF106827, U00763, AF082526, Y14314, AF177401, S68736, AL117394, A08912, AL137521, AF104032, AF026816, AF097996, U83980, AF079763, X52128, AP000697, AF026124, AL050146, AL050393, A03736, AL049314, X72624, AL117583,
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		M77345, AL137256, AF090896, AJ006417, E05822, AR038854, A21103, AL137283, AF118064, AL049938, E03671, AL049430, AR015970, AL137648, X84990, AL122098, AF017152, AF047716, AL133016, I09499, AF079765, X63574, X98834, AL122123, AR011880, AL049423, AF167995, AF119337, AF113694, AL049464, AL137557, AC002464, X96540, AR038969, AJ238278, AL080139, U37359, AL133014, AF030513, A90832, U72620, AF126372, AF003737, X66862, Y16645, M30514, AL110296, I17767, AF044221, X92070, Z37987, AF026008, L31396, AF146568, A12297, L31397, AC002480, AF061943, AF113013, AF100781, AL133067, AF090934, S63521, AL050024	
1236	HCRMY91	875841	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 852 of SEQ ID NO:1236, b is an integer of 15 to 866, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1236, and where b is greater than or equal to a + 14.
1237	HNTRA39	875845	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 785 of SEQ ID NO:1237, b is an integer of 15 to 799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1237, and where b is greater

			than or equal to a + 14.	AA315737, AA476814
1238	HCRPW33	875846	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 705 of SEQ ID NO:1238, b is an integer of 15 to 719, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1238, and where b is greater than or equal to a + 14.	AA315737, AA476814
1239	HFCFI37	875848	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 325 of SEQ ID NO:1239, b is an integer of 15 to 339, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1239, and where b is greater than or equal to a + 14.	AL120789, AC003007, AC005632
1240	HCQCL72	875849	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 215 of SEQ ID NO:1240, b is an integer of 15 to 229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1240, and where b is greater	AI817147, AA907222, H51868, AA281655, AA361371, AI301198, AA911728

1241	HCQCT09	875850	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1061 of SEQ ID NO:1241, b is an integer of 15 to 1075, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1241, and where b is greater than or equal to a + 14.</p>	<p>AW021240, AA535264, AA149863, AA694163, AI422346, AI472109, AI811633, AA931734, AI419485, AI302192, AI288249, AA410584, AI18912, AI049618, AI089786, AA911728, AA149808, AI700267, AI299240, AA501370, AI814823, AI2322714, AI865849, AA232212, AA825451, AI1718827, AI281840, AA932086, AI283229, H60430, AI471234, H60476, AA631685, AA576637, AI301198, AI949336, AA368973, AA236013, C01314, AI860871, AA361371, AA281786, AA327052, AA907222, AI857607, AI817147, AA281655, AA411619, H51868</p>	AC006512, U47924	AA524300, AI732383, AA570296, AI732336, AA515389
1242	HCRMR12	875851	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 322 of SEQ ID NO:1242, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1242, and where b is greater than or equal to a + 14.</p>			
1243	HClAE18	875852	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:1243, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1243, and where b is greater</p>			

1244	HHFHU39	875855	than or equal to a + 14.
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 750 of SEQ ID NO:1244, b is an integer of 15 to 764, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1244, and where b is greater than or equal to a + 14.
1245	HCQAW29	875856	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 354 of SEQ ID NO:1245, b is an integer of 15 to 368, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1245, and where b is greater than or equal to a + 14.
1246	HBMMDM3	875858	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 497 of SEQ ID NO:1246, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1246, and where b is greater than or equal to a + 14.

1247	HKLSD32	875863	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of SEQ ID NO:1247, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1247, and where b is greater than or equal to a + 14.</p> <p>AA405791, AI524014, AI380383, AW082968, AW342068, AA911893, AI824001, AI692746, AI433518, AI949654, AW170143, AI277105, AI266424, AI272885, AI318386, AI937056, AW058565, AW028276, AI075130, AI632588, AI393303, W9355, AI470310, H87135, AI807925, AI027883, AI695062, AI277524, AI201665, AA099404, AI471922, AA384650, AA364750, AA099465, AI359471, AI961082, AW338912, AW302395, AI702221, AW059776, D20616, AF086516, AI653206</p>
1248	HYACE34	875864	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2044 of SEQ ID NO:1248, b is an integer of 15 to 2058, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1248, and where b is greater than or equal to a + 14.</p> <p>AI492300, AA155864, AI336122, AA507001, AI805390, AA213868, AA504365, AI805573, AI267513, AA480597, N28434, AA829763, H86647, W99382, R82575, AA213776, AW402251, AI277875, AI220789, AA405669, AA281807, AW023046, AA025280</p>
1249	HNTTC18	875865	than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 929 of SEQ ID NO:1249, b is an integer of 15 to 943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1249, and where b is greater than or equal to a + 14.</p> <p>AL041644, AI652238, AI125934, AI972064, AI373883, AA401082, AA403146, AA587259, AW152027, AA648691, AA632889, AA572909, AA528434, T52508, T04918, T63002, AI625085, AI817337, AA922661, AA091326, M27878</p>

			than or equal to a + 14.	
1250	H2CAA34	875868	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2217 of SEQ ID NO:1250, b is an integer of 15 to 2231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1250, and where b is greater than or equal to a + 14.	AA913891, AA071067, AW247518, AA125853, R56714, AA576929, AA307834, AA204972, AA445946, H98812, AI028402, AA127005, AA223811, AA101503, R72151, H53723, H06566, H29389, AA182597, AA126153, AA232436, AA306744, T35189, AA164773, AI458548, T70821, R10266, Z21129, AW386767, AA436573, AI610191, H29413, AA301432, AA724488, AW449887, AI242268, AI525912, AW368592, AW377757, AW390796, AA344660, AA307848, AA715437, AW361336, AI248847, AL040968, AA938368, AW361341, AA676800, AW368596, Z21101, AW451729, AF191018, Z94761
1251	HWLQA33	875871	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:1251, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1251, and where b is greater than or equal to a + 14.	AA436794, R09306, AA384577, AC006211
1252	HCQCT65	875874	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 402 of SEQ ID NO:1252, b is an integer of 15 to 416, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1252, and where b is greater	

			than or equal to a + 14.	
1253	HWHPI50	875884	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2721 of SEQ ID NO:1253, b is an integer of 15 to 2735, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1253, and where b is greater than or equal to a + 14.	AW026114, AW418826, AW341657, AA910088, AI860171, AW190146, AI700326, AI089966, AI670850, H18740, AI093699, AI159857, AA996095, AI401266, AI240251, AW242162, AA594503, AI056938, AI864216, AA506903, AA426024, AA724498, AI263294, T75461, Z43179, AA443290, H25984, AA514196, R61755, AA526102, AA476713, F13159, T19223, Z39262, AA705253, AA609888, AA659875, F02603, R34659, AA319603, AA759148, R49189, AI538091, F13136, R61756, R21716, AA300990, F06309, F10761, AI865079, AW337918, AI889018, AA834239, AA096413, AI242996, F06308, H18653, AA774400, R46606, AW382812, N53750, AW382785, AL121653, AL121658
1254	HCRQD12	875886	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 679 of SEQ ID NO:1254, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1254, and where b is greater than or equal to a + 14.	AI703451
1255	HINHHM31	875888	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 448 of SEQ ID NO:1255, b is an integer of 15 to 462, where both a and b correspond to the positions of	AA644044, AW135276, AA887861, AW137420

			nuucleotide residues shown in SEQ ID NO:1255, and where b is greater than or equal to a + 14.	
1256	HCRQG23	875891	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1023 of SEQ ID NO:1256, b is an integer of 15 to 1037, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1256, and where b is greater than or equal to a + 14.</p> <p>AI022242, AW410996, AI800815, AI814040, AW264268, AA191425, W72080, W94651, AW015105, AA443454, AA443318, AW410985, AI597605, AW273210, AW250450, AW411145, AI1190182, AA993201, AA403278, AA430513, W94612, W96124, N54325, AI357461, AA190985, W77863, AA643738, AL120980, AA113214, AA858265, AA993185, AI375010, AI498876, AA829321, AA701490, AA132962, AA287691, AI277849, AI301164, AA251325, AW015857, AA403106, W60258, AA084833, AI253793, AA775859, W05830, AA243176, AI038024, AA766410, AA805677, AI049993, AA775554, AI039481, H80596, AA196760, AA430648, AA804241, N77873, W96125, R69970, H80623, AI219581, H67651, AA190668, C01701, AI352459, AI275174, AA732213, AA1288877, H30387, N23878, T12121, AI015455, H80540, AI220709, H67511, H18761, AA485022, AA251518, AA243193, AA505285, AA779102, H82765, AA570290, H52438, H67114, H71899, R69971, H52437, AA187869, AA505681, H67510, AA626883, AA232342, H71112, AA995473, AA456466, AI142314, H80657, AA454572, AA213633, AL119457, AL119399, AL119324, AL042544, AL134524, AW392670, AL119484, AL119439, AL119443, Z99396, AW372827, AL119391, AW363220, AL119319, AL134530, AW384394, AL119522, AL134519, U46347, AL119497, U46350, AL119363, AL119418, AL134528, AL119483, U46351, AL119355, U46349, U46341, AL119341, AL119335, AL119396, AL119444, AL119464, AL119496, AL043003, AL037205, AL042614, AL119401, U46346, AL134525, D21063, D83987, X67334, AF004105, D86725, AR060234, AR066494, A81671, AB026436, AR054110,</p>	

				AR069079, AR043113
1257	HKLSB39	875894	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1257 of SEQ ID NO:1257, b is an integer of 15 to 1271, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1257, and where b is greater than or equal to a + 14.	AA595346, AA243787, AA024578, AA076356, AA076467, AA760927, AI272832, AA243135, H17412, F06362, R25565, AI829044, AA400326, T26645, AA243569, AW020146, AI744718, AW384427, AA768909, AA743098, T77293, AA024577, AA723998, U35376, D70831, AC002519, AF038179, AA400327
1258	H2CBN05	875897	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 835 of SEQ ID NO:1258, b is an integer of 15 to 849, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1258, and where b is greater than or equal to a + 14.	AA307799, AW292094, T70856, AI161296, AA235668, AW296027, AI699099, AI693823, AI693216, AI992018, AA115026, AI681528, AA136109, AA732568, AA776036, AA643914, AA258666, AA416754, AI061590
1259	HCQDT85	875899	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1259, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1259, and where b is greater	AI500310, AI672249

			than or equal to a + 14.	AA317663, Z65370
1260	HARAJ31	875900	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 457 of SEQ ID NO:1260, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1260, and where b is greater than or equal to a + 14.	AI589507, AW009664, AA703098, AI453542, AA532750, N67298, AI148172, AI095316, AA708739, AW022231, AI601197, AI457493, AI580184, AA922944, AI922763, AI023347, AI096333, AA633368, AW023348, AA477261, AA693591, AI870748, AW274004, W78756, AI298179, W78055, AI057523, AI126504, AI248086, AA873476, AI679385, AI679894, AI190295, AW073346, N21034, AA039311, N22989, AA508686, W80491, W86880, AI361360, AI540214, AA938881, W79149, AW368422, AI432392, AI078371, R61323, AA039411, AA932937, AA829705, AW073773, AA002095, N67361, H59053, AA076438, AA535629, AA912096, W21314, AA610431, AI936749, T66278, AW405920, F12299, N44193, AA508849, AA884012, AA890651, W81519, N93501, AA480270, C00277, R38195, AI332894, T16604, W21320, R44910, N78644, AI478709, AI125999, AI590819, AA558779, AI300933, AW263399, AI085918, AA974965, AI741413, N93508, W81635, AW194811, N93088, AI630149, R56244, W24742, AW205755, AA991876, AI972554, AA004362, AI989930, AI760486, AI491861, AI581783, AA991538, AI969278, Z39245, AI650517, AW361735,
1261	HCRMQ35	875904	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 633 of SEQ ID NO:1261, b is an integer of 15 to 647, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1261, and where b is greater than or equal to a + 14.	

			AW361839, U90904, AI242039
1262	HMUBG30	875905	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 822 of SEQ ID NO:1262, b is an integer of 15 to 836, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1262, and where b is greater than or equal to a + 14.
1263	HCQAH30	875906	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 298 of SEQ ID NO:1263, b is an integer of 15 to 312, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1263, and where b is greater than or equal to a + 14.
1264	HWDAAH30	875907	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 176 of SEQ ID NO:1264, b is an integer of 15 to 190, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1264, and where b is greater

		than or equal to a + 14.	
1265	HCQAM30	875908	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 557 of SEQ ID NO:1265, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1265, and where b is greater than or equal to a + 14.
1266	HAGEA31	875912	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1460 of SEQ ID NO:1266, b is an integer of 15 to 1474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1266, and where b is greater than or equal to a + 14.
1267	HCROZ66	875913	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1391 of SEQ ID NO:1267, b is an integer of 15 to 1405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1267, and where b is greater
			AA431300, AW450428, AI688064, AI768150, AI123686, AW242691, AI052046, AA890607, AA758061, AA609531, AI797591, AA723978, AA934785, AA431657, AA305680, H64054, AA159569, AA378423, AA321559, AA237093, AL117344, AI823992, AW082308, AI816135, AI589007, AI566535, AW72765, AA766315, AW242239, AA279943, AI816094, AI014927, AI038579, AA578848, AI476548, AI354483, AA973322, AA992180, AI392988, AA327978, AA769228, AA506076, AI653752, AI370562, AA172248, AA343765, AI282882, AA279942, AA506075, AL137710

			than or equal to a + 14.	
1268	HDPBY50	875914	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1439 of SEQ ID NO:1268, b is an integer of 15 to 1453, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1268, and where b is greater than or equal to a + 14.</p> <p>AA1819116, AW372211, AW372198, AI583182,      AA176112, AW134519, AI628367, AI478195,      AA143793, AI394104, AI697987, AI675294,      AW390678, AI768078, N24394, AA101252, AI830602,      AI628409, AI438987, AI810299, AA020980, R22198,      AI890121, AI671411, AA733134, H44639, AA581997,      AI862828, AW139467, AI866902, AA857679, H97045,      AA465732, AA340274, AA974904, AA731664,      AA494109, AI811317, AI338111, R783337, H99145,      AI200103, AA291168, AA731663, AA327229,      AW363178, AA021065, D79177, R77963, R222252,      AI581618, AA026878, AA501786, AA216611, W32118,      W31626, H43598, AA148177, AA730560, AI472513,      AA4465134, C75353, C01240, AA978055, AW369487,      AA731711, AI538764, AA731241, AI042191,      AW193620, AW025279, AI096771, AW243451,      AW150750, AW029457, AI537187, AI421662,      AI571442, AI224373, AI433611, AI491710,      AI696583, AA830333, W45039, AI927233, AI671429,      AI370623, AW021717, AW150214, AI095530,      AI289791, AA613255, AW089379, AW020455,      AL045859, AW168700, AI678681, AL04011,      AI633125, AW194014, AI351737, AI831938,      AI499325, AI491852, AI699020, AI678446,      AI468622, AI932660, AI886355, AI952797,      AI696714, AI817733, AI889449, AI309306,      AW080157, AW087837, AA761557, AI656270, W38553,      AW167926, AI493836, AW021662, AW002327,      AI524139, AW089844, AA630788, AI954721,      AI568293, AA760851, AI470717, AI342210,      AA954134, AI445620, AW163834, AI613038,      AI623835, AW410842, AW083750, AW023871,      AA923096, AI867017, AI368579, F36855, AI886452,      AI680369, AI658566, AI801325, N22276, F37323,      AA829775, AI923989, AI690813, AI538885,</p>	

		<p>AI866469, AL042593, AI648699, AA814517,      AW293496, N25033, AW151136, AW051898, AW183620,      AW193125, AI638644, AI862896, AP000501,      AL133047, AL080234, AL050116, AL137271,      AB007812, E03348, E03349, AI117587, AC005886,      AF118094, AF013214, E12747, A65341, AF115392,      AF047716, AF124728, AL117460, AJ005870, L25851,      I33984, AL133067, AF002672, AR022283, AL137258,      AL050172, AL137533, AF185614, I89947, AC002287,      AC004690, AJ005690, AR038854, AR050959,      AR012379, X93495, AF000167, AC002540, M85164,      AL133015, AL137548, A18777, Y14314, AF126372,      E04233, AF200464, I09499, AL133619, AL133084,      I22020, AF036941, AR062106, AL023657, AL137641,      S77771, X84990, AL137711, X72889, AF161418,      AL137650, AF008439, S59519, AL133016, U37359,      AL133371, AF054289, AF095901, A41579, AL133665,      AF100931, X66862, AL137478, AL080159, AF136009,      AL122100, AF199027, AR034821, S82852, A03736,      AF102578, Z97214, S65585, A08907, AR020905,      AR066485, X70514, U96683, S83440, AF032666,      X00861, AC018767, X61399, AF044323, U36585,      AL137292, AJ012755, AF182215, AC006013,      AF098484, AL050024, AB031064, AL133088,      AL049423, AR059958, X68560, AF124435, U72620,      AL117649, X06146, AF090901, AL049276, AL049447,      AF038847, AF107847, AR029490, E12806, AL137716,      AL137495, X99971, AF150103</p> <p>AI796221, N64043, AA036820, AW237633, AA485589,      AA036775, AA485425, AI270597, AI242326, AW001030</p>
1269	HDTKD18	875915

Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1339 of SEQ ID NO:1269, b is an integer of 15 to 1353, where both a and b

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1269, and where b is greater than or equal to a + 14.	
1270	HHPGT16	875923	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1555 of SEQ ID NO:1270, b is an integer of 15 to 1569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1270, and where b is greater than or equal to a + 14.
1271	H2CBF28	875924	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1271, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1271, and where b is greater than or equal to a + 14.
1272	HCQDM28	875925	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1272, b is an integer of 15 to 782, where both a and b

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1272, and where b is greater than or equal to a + 14.	T65454, F11747, AL117635
1273	HUKFO7I	875926	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 280 of SEQ ID NO:1273, b is an integer of 15 to 294, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1273, and where b is greater than or equal to a + 14.
1274	HCQAT28	875927	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 673 of SEQ ID NO:1274, b is an integer of 15 to 687, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1274, and where b is greater than or equal to a + 14.
1275	HCYBC56	875932	preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 804 of SEQ ID NO:1275, b is an integer of 15 to 818, where both a and b

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1275, and where b is greater than or equal to a + 14.	AW134514, AA362770, AI738910, AA931551, AA856757, AW079224, AA856766, R99371, AI431703, AW023137, AA525926, AI784057, AA844907, AW168420, Z94056, AC007160, AC005874, AF134471, AI049872, AC007263, AC007064, Z97055, AC006480, AC005799, AC005616, AC005688, AC004707, AL035408, AC002375, AC010206, AL024507, AC004702, AC005102, AC004679, AC007376, AC004542, AC005011, AC005207, AL117338, AL031767, U91318, AC005953, AC005036, AP000111, AP000043, AC005477, AC005228, AL031665, AL035414, AC005578, AC004791, AP001053, AC007276, AC004921, AL133289, AC006387, AF001549, AC004887, AC006582, AB020863, AL139054, AC005993, AL109837, AL132774, AL035686, AP000108, AP000040, AC004862, Z98744, AC003007, AC007880, Z95126, AC011604, AE000661, AC005013, AC005295, AL049869, U82670, AC007225, AL022326, AL031681, AC004605, U85196, AC007402, AC009501, AL034420, AC003964, AC003956, Z99496, AC009946, AC006059, AP000509, AC005145, AC004976, AC005095, AC002384, AL049743, AL121578, AL078593, AC008115, AL121657, AC007510, AP000240, U80460, AC007773, AC005792, AC005482, Z98043, AE000659, AC004817, AL022100, AL035089, Z82245, AC005547, AC004825, AL035608, AC003991, AL078475, AC004510, AL022727, AC012627, AB003151, AC006167, AC005027, AB004907, AC005878, AL096711, AC004029, AP000511, AF111169, D84394, AP000688, AC011456, U50871, AP000280, AL109985, AC004838, AL035420, AC002390, AC002299, AB023050, AC002992, AC003037, AP000107, Z99715, AC004185, AC006137, AP00039, AL109956, AL109654, AF015416, AC007380, AC006040, AC004067, AC006204, AL049564, U85198, AC004859, AC004896, AC006536,
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			AP000131, AP000209, AC002464, AC004700, AC003670, AF207955, Z79996, AP000283, AC002289, U95740, AC004002, AC006928, AC007058, U52112, AC007240, AC005380, AL121591, AL10938, AC005731, AL035069, AP000282, AC004106, AC006991, AC004911, AF002993, AP000501, Z69712, AF096876, AC0023331, AL023805, AC007450, AC006048, X96421, AC005483, AP000201, AL034554, AC005138, AF165142, AP00097, AC007280, AC004472, AC007024, AC004409, AP000248, AP000144, Z92547, AL031053	AT539783, AW022097, AA489755, H10506, AA489648, AC004702	
1276	HAAAC11	875933	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 836 of SEQ ID NO:1276, b is an integer of 15 to 850, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1276, and where b is greater than or equal to a + 14.	AI539783, AW022097, AA489755, H10506, AA489648, AC004702	AA417136, H78660, AW292282, AC000378
1277	HNHOI84	875934	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:1277, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1277, and where b is greater than or equal to a + 14.	AI539783, AW022097, AA489755, H10506, AA489648, AC004702	AA417136, H78660, AW292282, AC000378
1278	HRABT72	875935	Preferably excluded from the		

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 547 of SEQ ID NO:1278, $b$ is an integer of 15 to 561, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1278, and where $b$ is greater than or equal to $a + 14$ .	AW37286, AA877900, AW374882, AW374986, AW363009, AW374838, AI791951, AW374892, AI431674, AW374858, AW363038, AW363010, AI821099, AW374992, AI940416, AW374993, AW375002, AI821845, AA633302, AW374878, AW363039, AW274215, AI732655, AI573096, AW374894, AA581944, AW191851, AW451240, AI360701, AI273759, AI280846, AW451809, AA053660, AW452362, AW293665, AA535532, AI620830, AA961152, AA582019, AA053763, AA295334, AI318604, AI278909, AW374321, AW080947, AW351525, AA376765, AA366856, AW191847, D25711, AA377129, AA601073, T24571, AW376784, AW376582, AI708873, AW243603, AI991190, AW376686, AW376776, AW376658, AI828388, AW291776, AW006478, AW193257, AW376625, AI254661, AW376692, AI458795, AW376516, AW364147
1279	HWLEG68	875936	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1653 of SEQ ID NO:1279, $b$ is an integer of 15 to 1667, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1279, and where $b$ is greater than or equal to $a + 14$ .	AA053660, AW452362, AW293665, AA535532, AI620830, AA961152, AA582019, AA053763, AA295334, AI318604, AI278909, AW374321, AW080947, AW351525, AA376765, AA366856, AW191847, D25711, AA377129, AA601073, T24571, AW376784, AW376582, AI708873, AW243603, AI991190, AW376686, AW376776, AW376658, AI828388, AW291776, AW006478, AW193257, AW376625, AI254661, AW376692, AI458795, AW376516, AW364147
1280	HSIDV66	875937	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 443 of SEQ ID NO:1280, $b$ is an integer of	AI431674, AW376784, AW376582, AW376686, AW376658, AW452362, AW451809, AA535532, AW376625, AI961152, AI648663, AI284509, AI042628, AI815855, AI476109, AW150578, AL045266, AI866002, AI866573, AL041772, AW084219, AI289937, AI274769, AI863240, AI250663,

	15 to 457, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1280, and where b is greater than or equal to a + 14.	AI364788, AI433976, AW051107, AI620284, AI590120, AL045500, AI433157, AI560099, AI539771, AI345608, AI521012, AI537677, AW083804, AI521560, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI500662, AI273142, AI633493, AI434256, AI284513, AI888118, AI868831, AW149227, AI828731, AI619716, AW082040, AW102785, AW103893, AI561299, AI608676, AI886124, AI554218, AW079159, AI269862, AI612759, AI867042, AI888953, AI280661, AI537617, AI919345, AA427700, AI537515, AI349598, AI251830, AI873644, AI366549, AI636719, AI340582, AW103371, AL042551, AI611743, AI500039, AW161579, AI955906, AI872711, AI571909, AI801322, AL043326, AL040243, AW162071, AI284131, AI433037, AI174394, AI923768, AI888661, AW268220, AL119863, AI334450, AI340603, AI498579, AI445165, AL036759, AW023590, AW302988, AI687065, AI446003, AW074993, AI224992, AW059837, AI251205, AI696626, AI344935, AI678762, AI539153, AI610645, AL036214, AI828367, AW262565, AI439762, AL120853, AW087445, AI499986, AI633419, AA225339, AI538716, AI689420, AW301300, AI097248, AI453322, AI815232, AI269696, AW190042, AL079963, AI922676, AI680498, AW071417, AI963216, AI348897, AW082594, AI119791, AI922901, AI282326, AI888944, AW088134, AI589993, AI648684, AI687465, AW022682, AW403717, AW167410, AW129106, AI800453, AI800433, AI468872, AI866608, AW238730, AW088903, AI29327, AW081255, AI308032, AI889189, AI497733, AI308035, AI275175, AW169653, AL038605, AA640779,
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	AI921176, AI434223, AI689175, AA470491, AI343059, AL040241, AA508692, AI292193, AI446373, AL037454, AI349933, N80094, AI349256, AI196141, AI805638, AI569616, AI824557, AI587288, AL121328, AA494167, AA974049, AL038779, AI873604, AL036361, AL036403, N33175, AI336575, AI349645, AW117746, AL110402, AL036274, AI799199, AA572758, AI540832, AW269097, AI926790, AW002342, AW050522, AL038445, AW089179, AI312428, AI554427, AI564719, AI891157, AI696819, AI281772, AI889376, AI932794, AI857760, AI499463, AI524671, AI608936, AI699011, AW051258, AW085667, AI921248, AI611738, AW102761, AI619502, AI677796, AI632408, AI306613, AI802542, AI569583, AI952360, AI633125, AI499285, AI886753, AI1312152, AI274013, AI564723, AI933589, AW026882, AI627988, AI783504, AA420758, AI869367, AI036869, I48979, I48978, AB019565, A08916, I89947, A08913, A08910, AL133016, I89931, I49625, AL110196, AL133080, AF106862, AF079765, AL122050, AF113013, AL133560, AF146568, AF090896, E03348, AL049382, AL049314, AR059958, AF113689, Y11587, A08909, AF113676, S68736, AL137557, AL133093, AL049466, AF113690, E07361, Y16645, X84990, AL137527, AL133565, AL080060, AJ242859, AL122121, AF118064, AF118070, AL049430, AF113699, AL133640, AL080137, AF061943, AL050146, AF091084, AL117583, AL117585, AL122098, AF090903, AL050116, AF177401, AF104032, AL122123, AF090934, A65341, Y11254, S78214, AL110221, AF125949, AL122093, AF078844, AF113019, AL049300, AF097996, AF111851, Z82022, AF183393, AL137538, AL137463, AF090901, AL050393, AR011880, AL133557, AF017152,
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		AL133075, AF158248, X93495, U72620, A93016, AF118094, AF113694, X82434, AL050024, AJ000937, AL049464, E02349, AL050277, AL137459, AL117460, E07108, AF090900, AL117457, L31396, U42766, AL133606, AL137521, L31397, X96540, A58524, AL049452, A58523, AL137550, U00763, AJ238278, AL050108, AL080124, AL117394, X63574, I03321, AF017437, AF113677, A77033, A77035, I33392, AL137271, AF113691, AL080127, AL050149, AF125948, AL117435, X72889, AF090943, AL096744, AL110225, U80742, AL050138, U91329, AL122110, AL137283, AL049938, AL137648, A12297, X70685, AL133113, U35846, A03736, X65873, AL080159, I42402, AL133072, E15569, A08912, I09360, AF087943, AL049283, AL110197, U67958, X98834, E08263, E08264, AF067728, AL137523, AR000496, U39656, I26207, AL122049, AL133077, AL050172, A93350, AJ012755, AL133104, AF111112, A07647, AF119337, AL137560, AF003737, AL137556, AF153205, Y14314, AL133014, AF000145, AL110280, AF026124, AL133568, AF185576, AF026816, AF162270, AL117440, AR038854, Z72491, AF106827, U96683, AF057300, AF057299, S61953, E04233, L30117, AL117432, AL137476, I17767, AL137273, AL122111, Y09972, E02221, AR038969, A90832, AL133067, AL137526, A08911, A45787, AL133098, AF079763, AL137480, AR013797, I00734, U78525, L19437, X87582, E00617, E00717, E00778, AC006112, AC004093, X62580, Z37987, AL080074, AJ006417, AC004878, M30514, X92070, AL080086, E05822, AF067790, AF095901, AL137478, U68387, AL122118, AL050092, E08631, Y07905, U49908, U58996, AC006336, AL022147, AF210052, AF111849, AL137705, AF132676, AF061836, AL023657, AL137533, AL137292, AF008439, AF100931 AI479334, AW438880, AI969482, AA740980,	Preferably excluded from the
1281	HWAAD15	875938	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 709 of SEQ ID NO:1281, $b$ is an integer of 15 to 723, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1281, and where $b$ is greater than or equal to $a + 14$ .	AI151466, AI670122, AA877322, N63143, AI42330, AA694453, AA766111, AI277749, D20155, AI633803, AA910174, AW002649, AF102851
1282	HUFFD27	875939	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 317 of SEQ ID NO:1282, $b$ is an integer of 15 to 331, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1282, and where $b$ is greater than or equal to $a + 14$ .	T81216
1283	HWLMZ30	875940	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 333 of SEQ ID NO:1283, $b$ is an integer of 15 to 347, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1283, and where $b$ is greater than or equal to $a + 14$ .	AW295800, AW449384, AI341114, AA886955
1284	H2LAJ89	875941	Preferably excluded from the	AA314048, D80168, D59695, D80949, D52291,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 904 of SEQ ID NO:1284, b is an integer of 15 to 918, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1284, and where b is greater than or equal to a + 14.</p> <p>C14298, D51079, C14227, AW360780, C14407, D81111, D80064, D80290, D59927, D59627, D80227, D59502, D59859, D80269, D80195, D51799, D58283, D80166, C14331, C15076, D59467, D51423, D59619, D80210, D80391, D80164, D59275, D80240, D80253, D80193, D81030, D80043, C14389, AW352172, D80212, D80022, D57483, D80038, D80378, D80196, D80188, D80219, D50995, D59787, AW377661, D59889, D59610, D50979, D80366, D80045, D80024, D80241, AA305409, F13647, AI557751, T11417, C06015, Z21582, D58101, C75259, D51060, C14014, D80258, D59503, AA514188, D51022, AA305578, D58246, D51213, D45273, T03048, AW377669, AI557774, D80248, D80014, D80228, T02974, C16955, D59484, D52059, D81026, AA514186, C05695, AI535686, D80268, Z33452, D80302, AA514184, D80439, D80522, D80133, D80251, D80247, T03116, AI535961, H67854, H67866, AA027769, D51103, AI525216, A1525228, D51053, T02868, AI525969, C03092, D59373, AA809122, N66429, D51759, C14973, D59551, D31458, C14344, D59317, D80157, C04682, D51221, D59474, Z30160, AI525238, D59653, C14046, C13958, H67858, AI525242, AI525222, C14957, D60010, AI525923, D45260, AI525920, AA305720, AF048722, AB006320, AF048720, AF048721, AJ222971, AF048724, U69961, U70132, AB006321, AF048723, U80010, AF039832, U80036, AJ222972, U80011, AF076640, AF077092, AF155206, AF217647, AF063935, AB010386, I82448, A84916, AJ132110, A62300, A62298, AR016808, AR018138, AF058696, I82446, U37689, X64588, AR008278, AB028859, I81198, AB019242, A47134, A82595, AR060385, I14842, AB002449, I79511, AR054175, AR008277, AR008281</p>	<p>AW237287, AW363468, AW363480, AW363473, AW363477, AA121686, AW363466, W72522, AI828975,</p>
1285	HSPBY20	875942	Preferably excluded from the present invention are one or more

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3197 of SEQ ID NO:1285, b is an integer of 15 to 3211, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1285, and where b is greater than or equal to a + 14.</p> <p>AI559999, AI804778, AI674566, AI129403, AA533052, AA527974, AI363501, AA143578, W51847, AW300353, AI831152, AA143579, AI741918, AA039996, W51848, W76081, AW117710, AI168002, AA311143, AA441903, N31268, AI84441, AI632722, AI869640, AA811715, AA505929, AW304874, AA847969, N59481, AA559159, AI695051, AA112361, AA558272, AA000001, AI720005, AI039160, AA039941, AI342286, AI497588, T06998, AA631737, AI571810, W80521, AP861746, AI985608, W80522, AI869233, AA902266, AA358008, AI301584, AA988922, AA706417, AW363471, AI460367, W81055, Z44588, AI276195, AA995745, AA370238, AI471184, AI358624, W93499, AA731776, AA225687, Z25022, R93719, Z33579, R93772, N22881, AA813411, R96999, T34389, AA442009, AW363465, AI707586, AA992785, AA329788, AW363476, T63311, C03451, AA527798, AW293240, AW363475, AW196088, T59616, C00776, T59728, Z28725, R96942, AI401471, AI985365, AA090503, H89254, AA091375, N76452, AA084311, AL121286, AA416534, AA635126, H25949, AA247310, N72061, N76425, T10848, AI868319, U95742, AC007216, AC007226</p> <p>AI436213, AI376989, AW272461, W67633, AW103191, AI460071, AI339966, AA309909, AI382859, AI035070</p>	
1286	HE2DS24	875946	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 776 of SEQ ID NO:1286, b is an integer of 15 to 790, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1286, and where b is greater than or equal to a + 14.</p>	
1287	HSLFO26	875950	Preferably excluded from the	AA353689

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 377 of SEQ ID NO:1287, $b$ is an integer of 15 to 391, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1287, and where $b$ is greater than or equal to $a + 14$ .	F12035, H11818, T65663, H07096, H06077, F12478, R17257, T74513
1288	HCQAH22	875951	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 378 of SEQ ID NO:1288, $b$ is an integer of 15 to 392, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1288, and where $b$ is greater than or equal to $a + 14$ .	F12035, H11818, T65663, H07096, H06077, F12478, R17257, T74513
1289	HHEYK87	875952	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 115 of SEQ ID NO:1289, $b$ is an integer of 15 to 129, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1289, and where $b$ is greater than or equal to $a + 14$ .	F12035, H11818, T65663, H07096, H06077, F12478, R17257, T74513
1290	HCRQN90	875954	Preferably excluded from the	R05444, R05547, H24799, N24201, N28584, N31653,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1290, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1290, and where b is greater than or equal to a + 14.	N34107, AA193424, AA251321, AA251589, AA278204, AA287679, AA286744, AA494343, AA732455, AA740478, AA812121, AA814394, AA830316, AA877099, C04694, AA397959, AA435871, AA437027, AA442854, AA449086, AA449518, AA431365, AA732757, AA757686, AA759030, AI074034, AI082779, Z25143, Z28808, AI341874, AI141529, AI143886, AI149785, AI290312
1291	HCQDT05	875955	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1291, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1291, and where b is greater than or equal to a + 14.	AI681892, AA861619, AI693051, AA009602, R67318, AC004908, AC000386
1292	HACB144	875967	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 358 of SEQ ID NO:1292, b is an integer of 15 to 372, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1292, and where b is greater than or equal to a + 14.	
1293	HHEWX30	875971	Preferably excluded from the	AW177053, T85527, H66913, HS3191, N78201,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1190 of SEQ ID NO:1293, $b$ is an integer of 15 to 1204, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1293, and where $b$ is greater than or equal to $a + 14$ .	AW377523, AA234861, H51769, AA007382, AI783820
1294	HCQCL24	875972	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 460 of SEQ ID NO:1294, $b$ is an integer of 15 to 474, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1294, and where $b$ is greater than or equal to $a + 14$ .	H81368, R11282, T98326, AC006077
1295	HE8NK61	875974	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 436 of SEQ ID NO:1295, $b$ is an integer of 15 to 450, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1295, and where $b$ is greater than or equal to $a + 14$ .	AC005007
1296	HWLCA48	875976	Preferably excluded from the	AI005521, AI810382, AI659500, W92352, AI933284,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 379 of SEQ ID NO:1296, <math>b</math> is an integer of 15 to 393, where both <math>a</math> and <math>b</math> correspond to the positions of nucleotide residues shown in SEQ ID NO:1296, and where <math>b</math> is greater than or equal to <math>a + 14</math>.</p>	AA812596, AI400309, AW197587, AW192260, AI949417, W92316, AA722528, AI499349, AW300547, AW025996, AW172287, AW117376, AA194825, AI148427, AW292395, AA903846, AI018563, AI493973, AI082262, AI344368, AI765916, AA879432, AA961861, AW236495, AA912973, AI597682, AA459703, AI207327, N30720, AA936502, AI709271, AA877895, AA687402, AI420803, AA687115, AA504275, AI749696, AI472028, AA149279, AI383228, AI242850, N79884, AA149265, AI352279, AI363025, AA576875, AA809139, AI246634, AI439699, AI143444, AI918503, AI768616, AI970288, AA411377, N62978, AW351635, AIW177011, AW167933, AI380451, AA836154, AW274680, W39570, AW170172, AA689438, AA406308, AA535797, AI283454, N30079, AI119324, AL119457, AW392670, Z9396, AW372827, AI119363, AW384394, AI119319, AL042544, AW363220, AI119497, AI119391, AI119484, AI119522, U46351, AI119355, AI119496, AI119443, AI119418, AI119399, AI119341, AI119483, U46341, AI119396, U46349, U46350, U46347, AI037205, AI119335, AI119401, AI119439, AI119444, AI134531, AI134525, AI134536, U46346, AI142131, AL042614, AL042965, AI042984, AI134538, AI043019, AI042975, AI134902, AI142132, AI043029, U46345, AI039851, AI042542, AI042450, AI042551, AI043003, AI119464, AF126743, AR066494, AR060234, A81671, AB026436, AR054110, AR069079	AA888086, AI962990, AI983535, AI597764, W60854, AI368836, AI808836, R49083, D60229, AI039175, R69837, R69838, AI277306, AA489467, AI498566, H28639, AA165333, C14571, AA094632, AA918475, AI096773
1297	HUCOR05	875982	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of <math>a-b</math>, where <math>a</math> is any integer between 1 to 613 of SEQ ID NO:1297, <math>b</math> is an integer of</p>	

		15 to 627, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1297, and where b is greater than or equal to a + 14.	
1298	HWAIC77	875983	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 367 of SEQ ID NO:1298, b is an integer of 15 to 381, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1298, and where b is greater than or equal to a + 14.
1299	HWMBG8	875984	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 495 of SEQ ID NO:1299, b is an integer of 15 to 509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1299, and where b is greater than or equal to a + 14.
1300	HTXFU22	875989	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 438 of SEQ ID NO:1300, b is an integer of

			15 to 452, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1300, and where b is greater than or equal to a + 14.	
1301	HCQDO49	875990	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 525 of SEQ ID NO:1301, b is an integer of 15 to 539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1301, and where b is greater than or equal to a + 14.	AI491942
1302	HDPOZ22	875991	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 418 of SEQ ID NO:1302, b is an integer of 15 to 432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1302, and where b is greater than or equal to a + 14.	243549, N39489, AC004789, AC005222
1303	HWLQA90	875994	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1303, b is an integer of	AA486226, AI590941, AA157504, AC004503, AC005006, AC005962

		15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1303, and where b is greater than or equal to a + 14.	
1304	HATBS19	875995	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 801 of SEQ ID NO:1304, b is an integer of 15 to 815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1304, and where b is greater than or equal to a + 14.
1305	HHSFJ11	875996	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1305, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1305, and where b is greater than or equal to a + 14.
1306	HCYBA19	875998	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:1306, b is an integer of

			15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1306, and where b is greater than or equal to a + 14.	
1307	HAPQW21	875999	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1307, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1307, and where b is greater than or equal to a + 14.	AI816929, AA743053, AA767907, AI494624, AA932213, AI830745, AA837394, AI962187, AI963297, AI962646, AI499897, AW207508, AA257988, AI889250, H62091, AI873713, AI652649, AI652588, AA412301, AA215370, AW245619, AI824020, AI208488, AI933125, AA912107, AI827787, AA470031, AW080557, AW367956, AA806884, AI611226
1308	HCRND16	876001	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1308, b is an integer of 15 to 379, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1308, and where b is greater than or equal to a + 14.	R86881, AA344692
1309	HSPMEE8	876006	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1430 of SEQ ID NO:1309, b is an integer of	AI831502, AW135590, R80329, AI453275, H03544, AI867183, AA598849, H44114, AI864755, H92020, AA483703, H03459, AI973227, R28250, R80223, R27989, H92021, R93832, Z38639, AI807377, AI103726, AI343038, AW148303, AW302662, AI336506, AI254251, AW303238, AW268290, AI318301, AI363741, AI344795, AW411235,

		15 to 1444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1309, and where b is greater than or equal to a + 14.	AW148382, AW161098, AI206899, AW118417, AA644481, Y11254, A91160, A76335, AL122098, AR068753, AR068751
1310	HCRMC21	876007	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 339 of SEQ ID NO:1310, b is an integer of 15 to 353, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1310, and where b is greater than or equal to a + 14.
1311	HLWCB78	876008	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 913 of SEQ ID NO:1311, b is an integer of 15 to 927, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1311, and where b is greater than or equal to a + 14.
1312	HWLME80	876011	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 490 of SEQ ID NO:1312, b is an integer of

			15 to 504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1312, and where b is greater than or equal to a + 14.	AI768516, AI082809, AI804454, AW173368, AA905101, AI080483, N38942, N29489, AI500550, AA994475, AI001079, AA707368, AA593145, AA569473, AW386118, N63226, AA614464, N46512, AW272021, AI828244, AL133605
1313	HKTAB46	876012	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 850 of SEQ ID NO:1313, b is an integer of 15 to 864, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1313, and where b is greater than or equal to a + 14.	W02575, AA304931, D58283, D80188, D51423, D57483, D59859, D80043, D80166, D80253, D81030, D59619, D80210, D51799, D80240, C14331, D80212, D80022, D80195, D80219, D80391, D59275, D50979, D59787, D80227, D59502, D80366, D59889, C14389, D80164, D80196, D59927, D59610, D80269, D80024, D80038, D59467, D80193, D50995, AA305409, C15076, D80378, C14429, D80241, C75259, T03269, D80045, D51060, C14014, AW178893, AW178775, D80134, D51022, AW179328, AW177440, D51250, AA305578, D81026, AW378532, D80268, AW352158, D80522, F13647, D80949, D80248, D52291, D80251, AW369651, D59695, D58253, D51079, D80168, AW178762, D81111, AA514188, AW177501, AW352117, AW177511, C14227, Z21582, D80133, AA514186, D80064, C14298, AW360811, AI905856, C14407, AW378540, AW377671, AW375405, AW360844, AW377672, AW366296, D80132, AW360817, AW375406, AW177505, AW378534, AW352171, AW179332,
1314	H2CBJ20	876013	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:1314, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1314, and where b is greater than or equal to a + 14.	W02575, AA304931, D58283, D80188, D51423, D57483, D59859, D80043, D80166, D80253, D81030, D59619, D80210, D51799, D80240, C14331, D80212, D80022, D80195, D80219, D80391, D59275, D50979, D59787, D80227, D59502, D80366, D59889, C14389, D80164, D80196, D59927, D59610, D80269, D80024, D80038, D59467, D80193, D50995, AA305409, C15076, D80378, C14429, D80241, C75259, T03269, D80045, D51060, C14014, AW178893, AW178775, D80134, D51022, AW179328, AW177440, D51250, AA305578, D81026, AW378532, D80268, AW352158, D80522, F13647, D80949, D80248, D52291, D80251, AW369651, D59695, D58253, D51079, D80168, AW178762, D81111, AA514188, AW177501, AW352117, AW177511, C14227, Z21582, D80133, AA514186, D80064, C14298, AW360811, AI905856, C14407, AW378540, AW377671, AW375405, AW360844, AW377672, AW366296, D80132, AW360817, AW375406, AW177505, AW378534, AW352171, AW179332,

	AW179023, AW377676, AW178905, AW178754, AW179024, D51097, AA285331, D80439, AW360834, AW360841, AW352172, AI557751, AW179020, D80302, AW352170, AW178909, AW177456, AW178906, AW177731, D80247, AW178907, AW179019, AW179018, AW178971, AW179017, AW179004, AW179329, AW352174, AW179012, AW178980, AW177733, AW378528, AW178908, AW179220, T11417, D51759, D80157, AW179009, AW178914, AW378543, AW378525, D51103, D80014, AW367967, AW178983, T03116, AW352120, AW177728, AW178774, AW178781, AW178911, AW352163, D58246, AW378539, T48593, D58101, D59503, C06015, AI557774, D45260, D59627, D80258, AA809122, D50981, H67854, AI525917, T02974, AW378533, AW367950, AW178986, AI525923, C03092, AI525235, H67866, AW177734, D51213, C14957, D59474, AI525912, C14344, AA514184, D59317, D51221, Z30160, AW179013, D45273, C14973, AI525920, AI525227, AI535686, AI525242, T03048, AW178759, C14046, D59551, C16955, AI535961, H67858, AI525215, AW378542, AI525925, Z33452, AI525237, A62298, AJ132110, A84916, A62300, AR018138, AR008278, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, AR016808, A94995, A85396, AR066482, AB002449, A44171, AR008443, AR060385, A85477, I19525, A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, A30438, I18367, D88507, I14842, AR054175, AF135125, AR008277, AR008281, D50010, Y17187, A63261, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB033111, D13509, I79511, A64136, A68321,
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1315	HWBDR92	876018	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1818 of SEQ ID NO:1315, b is an integer of 15 to 1832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1315, and where b is greater than or equal to a + 14.	AR060133, AR064240, U87247, AB023656, AF123263, X93535, AR008382
				AW024416, AW238938, AW361813, AI421202, AI434791, AI309982, AI769534, AI378930, AI393963, AI492647, AA953114, AI380180, AI769524, AI420285, AI805717, AI077552, AI678958, N26060, N40424, AI190662, AI613423, AA976041, AA581509, AA776498, AI268866, AI291641, AI289100, AA186514, AI208759, AA278467, AA665834, AI341899, AA315414, W07679, H23150, AI671697, AA315695, AI961637, AA989174, AI613432, AA235080, AI127470, AA603717, R80986, H09069, AI085843, AA993834, AA235209, AI160297, N80556, AA421270, AA187209, AI205566, AW277106, H59979, W39334, AA045407, T75129, AA503424, W52459, F10405, AA421317, AA723427, AW189559, W52458, AA045301, AA256210, AA503121, H09070, AI862840, AA921301, AI819232, AA303086, H81373, H23151, W15379, AI003129, H57853, H80453, AA587453, F12797, AA811971, AA379841, R80786, AA737085, AW029021, R38552, T48991, AA565741, AA503131, AA256353, F17470, AI424220, AI431521, T48990, AI381715, AI038986, R20931, AI424511, AW361749, AA835425, AI569722, AW337583, AA558437, AA373318, AW269615, D20475, AW016289, AW014562, AI795986, AI066579, AA057708, T25034, R54035, AA626100, AI801600, T84464, AA745560, AA745431, AA076616, AF151801, AL050215, AC004983, D89937, AC004967
1316	HWMIB92	876019	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 642 of SEQ ID NO:1316, b is an integer of	

		15 to 656, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1316, and where b is greater than or equal to a + 14.	AI110856, AA143745, AI693023, AA151633, AA761698, AI121337, AI298472, AI018193, AW372477, AA491188, AW131073, AA505133, AA599482, AI143548, AA430400, AA151685, AA825984, AW366355, AI383751, AA613495, AA252073, AI076636, H81681, H66674, AA779949, AA885895, AA298085, AI383750, W05653, AA148124, AI074739, AI687281, H11552, AW451697, AI150645, AA041459, AI208735, H81680, AA620485, AA112748, AA976412, H00961, T31804, AA357205, AA041512, AA678631, R67964, N76147, AA468649, H11443, H00962, AI383531, Z45863, AA360936, F04726, AW074481, AA872316, AI024087, AA309629, R66877, AI702342, AA653426, AA732728, AA252105, AA490992, AA770121, N87414, AA356722, AW027385, AI434752, R58494, AI275780, AA090352, AI370532, AW390733, AA879149, AI9233615, Z21234, Z21233, AF090915	AA715374, Z25205, AI202201
1318	HCQCM19	876022	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1318, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1318, and where b is greater than or equal to a + 14.	
1319	HBWCF70	876023	Preferably excluded from the	AI219865, AW294721, AA431535, AW451194,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 1085 of SEQ ID NO:1319, $b$ is an integer of 15 to 1099, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1319, and where $b$ is greater than or equal to $a + 14$ .	AA307304, AA917679, N72093, H19317, AA868722, AA313570, AW270831, AW242483, AA306705, AA584601, AA431211, M97501, X64838
1320	HCRON30	876024	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 708 of SEQ ID NO:1320, $b$ is an integer of 15 to 722, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1320, and where $b$ is greater than or equal to $a + 14$ .	AA327228
1321	HCNAK16	876025	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 241 of SEQ ID NO:1321, $b$ is an integer of 15 to 255, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1321, and where $b$ is greater than or equal to $a + 14$ .	AA327228
1322	HCQDG19	876026	Preferably excluded from the	AI635818, AC007630

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 232 of SEQ ID NO:1322, $b$ is an integer of 15 to 246, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1322, and where $b$ is greater than or equal to $a + 14$ .	
1323	HCQAD16	876027	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 325 of SEQ ID NO:1323, $b$ is an integer of 15 to 339, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1323, and where $b$ is greater than or equal to $a + 14$ .	AA252134
1324	HCQAS16	876028	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 352 of SEQ ID NO:1324, $b$ is an integer of 15 to 366, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1324, and where $b$ is greater than or equal to $a + 14$ .	
1325	HGBBG01	876029	Preferably excluded from the	AA297618, AA188451, F06972, F06481, X83107,

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 417 of SEQ ID NO:1325, $b$ is an integer of 15 to 431, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1325, and where $b$ is greater than or equal to $a + 14$ .	AF045459, AC003669, AF012104, U88091, U08341, AR042423, AR044115
1326	HILBF13	876030	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 410 of SEQ ID NO:1326, $b$ is an integer of 15 to 424, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1326, and where $b$ is greater than or equal to $a + 14$ .	AA313226, AA352231, AA729004, H63236, AI174489, AA493814, AA847341, AA502774, AI884404, R95751, AA832104, AA126969, AA368329, N21434, AI567676, AI002863, AA991640, AA602715, AA368659, AI003620, AA219166, AA659011, AA420424, AA749196, AA309287, AI124558, AA143703, H79323, AI802268, AA831913, AA730795, AA598579, AA832108, AI791227, AA365628, AA196994, AA598605, AA595508, AI732911, N27340, N53783, AA455202, AI734193, AA482682, AA525156, AA218874, AA598497, AA643768, AW083966, AA351893, AA668421, AA581317, N55076, AI376687, AW069273, AA825954, AA229370, AI538404, M77964, AA315052, AI049999, AP000553, Z68756, AB023049, AP000512, AL079342, AC005305, AF075069, AD000092, AL008731, AC007993, AL008628, AL035587, AC005089, AC008372, AL133163, AC005913, U95742, AC007537, AL031721, AC009516, AL035420, AC003071, AC000052, AL133246, AF053356, AC005722, AB003151, AC006930, AP000099, AC000025, AC007193, AC006273, AC005527, AB023051, AC004099, AP006688, AP000036, AC005747, AC006511, AC004150, U78027, AL034553, AC003047, AC004997, AC004475, AC005519, AL009181, AP000046, AP000114,

		AL021393, AL049650, AC007687, AC005529, AC005406, AC003102, AC005585, X74984, AC005828, AC002369, AL022315, AC005907, U95739, AC004000, U91327, AF076450, AJ246003, AL035086, Z83826, AL109613, AL121655, D16583, AC005725, AL030995, AF196779, AC005535, AL020997, AL035400, AC004650, AL096712, U893337, AC008045, AP000344, AL117258, AC005099, AC007314, AC003098, AP000503, AL022326, AL020993, AC004668, AP004254, AC006581, AC005837, AC007277, AL021806, Z15025, AL049829, AC005932, AL049699, AL122023, AP000302, AL080243, AC005516, AD0000833, AP000077, U91326, Z73417, AC002395, AL034379, AL132712, AC005859, Z95116, AF003528, AP0000243, AL049643, AF134726, AP000098, AP0000203, AC005412, AC002991, AL035445, AC005041, AC005971, AC004812, Z84474, AF217403, AC003046, AC005003, Z82198, AL008734, AC004531, AF205588, AC004756, AL034421, AC005776, AC004073, U93305, AC002310, U85195, Z98946, AF111169, AF196972, AL136168, U63721, AC005768, AC004678, AC005253, AC007001, AP000280, AC007207, AC005759, AL031708, AC002996, AC004131, AL031058, AL109801, AC005694, AC006121, L47234, AE000658, AC001551, AC006080, AC006057, AC004072, AL133321, AC004227, AC006006, AC007051, AP000555, AC007666, AC005755, AC005993, AP000107, AP000039, AC006950, AC004263, U51561, AC007390, AC005924, AC007014, AC007546, AC003109, U62317, Z98949, AB020867, AC004808, AC004465, AF129756, AC004682, AC004703	AA280322, AC006153
1327	HCQDI18	876034 Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

		the general formula of a-b, where a is any integer between 1 to 301 of SEQ ID NO:1327, b is an integer of 15 to 315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1327, and where b is greater than or equal to a + 14.	AL045532, AI672339, AI916546, AI674054, AA922064, AW022969, AI539447, AI338659, AI038295, AI809635, AI569951, AI015944, AA235487, AA917051, W72067, AI522144, AW340476, AW001031, AI042560, AW272351, AW291220, AA496094, AI808121, AA453459, AA216783, N90068, W38469, AA002033, AA482997, AA234484, F12296, T66274, Z24870, W76350, F09922, T95502, AI128578, T66187, T95501, Z28614, AA453960, R16316, T58251, T88786, AI272000, AA001829, AI654859, AI624582, AI334322, T58298, AI376307, U85995, U85994, AF095771, U87408, AF095770, U85997, AC006195, AF095769	AA425162, AA454628	AA425162, AA454628
1328	HEMGGF10	876039	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1853 of SEQ ID NO:1328, b is an integer of 15 to 1867, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1328, and where b is greater than or equal to a + 14.	AL045532, AI672339, AI916546, AI674054, AA922064, AW022969, AI539447, AI338659, AI038295, AI809635, AI569951, AI015944, AA235487, AA917051, W72067, AI522144, AW340476, AW001031, AI042560, AW272351, AW291220, AA496094, AI808121, AA453459, AA216783, N90068, W38469, AA002033, AA482997, AA234484, F12296, T66274, Z24870, W76350, F09922, T95502, AI128578, T66187, T95501, Z28614, AA453960, R16316, T58251, T88786, AI272000, AA001829, AI654859, AI624582, AI334322, T58298, AI376307, U85995, U85994, AF095771, U87408, AF095770, U85997, AC006195, AF095769	AA425162, AA454628
1329	HCQDG10	876044	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1329, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1329, and where b is greater than or equal to a + 14.	AL045532, AI672339, AI916546, AI674054, AA922064, AW022969, AI539447, AI338659, AI038295, AI809635, AI569951, AI015944, AA235487, AA917051, W72067, AI522144, AW340476, AW001031, AI042560, AW272351, AW291220, AA496094, AI808121, AA453459, AA216783, N90068, W38469, AA002033, AA482997, AA234484, F12296, T66274, Z24870, W76350, F09922, T95502, AI128578, T66187, T95501, Z28614, AA453960, R16316, T58251, T88786, AI272000, AA001829, AI654859, AI624582, AI334322, T58298, AI376307, U85995, U85994, AF095771, U87408, AF095770, U85997, AC006195, AF095769	AA425162, AA454628
1330	H2CBS17	876045	Preferably excluded from the present invention are one or more polynucleotides comprising a	AA313483, AI092587, W077818, N79448, AA773593, R53234, R94785, R24805, H10024, AA229847, R94705, AA430523, AI435476, AW001866, AI565825,	AA425162, AA454628

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1337 of SEQ ID NO:1330, b is an integer of 15 to 1351, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1330, and where b is greater than or equal to a + 14.</p> <p>AA430608, N71537, AI760594, AI911011, AI732273, AI440283, AI131012, AA582791, AI038591, N52904, AI144119, AA643763, AI561115, N78511, AA011130, AI668849, AI676028, AI371354, AA009702, N73670, AW369840, R53598, AA584483, AL044698, R48261, W63583, AA493983, AA968449, AC005332, AC004876, AC005771, AC004616, AP000038, AC005184, AL139165, AC004098, J03764, AF019664, AC004874, AL033525, AC009498, AP000280, AC005704, AL035427, AP000107, AC005060, AC005922, AL035633, AC007628, AC005011, AL078638, AF042484, AC007676, AC008071, AC007198, AC000120, AP000140, Z93931, AL031655, AP000088, AL031123, AC006996, Z75957, AL034555, AC004055, AC006354, AP0000269, AP000103, AF001548, AF049895, AL132987, AL022068, AB013139, AL034425, AC002546, AF069291, AC004929, AC007262, AC002115, AL020989, AL031055, AL021877, AC004703, AC004664, AL021977, AC002480, AL035691, AL035072, AC004100, AC006370, AC006013, AP000033, AC005562, AC007312, AL031737, AC005406, AC005919, Z96074, U95743</p>	<p>AI799695, AI343330, AI498160, AI885048, AW372347, AW372353, AI361693, AW372342, AI290222, AA8333641, H23783, W73966, AI077502, AW242637, AA514487, AA975211, AI569053, W79847, AI869527, AA832078, N55405, AA126154, AA313196, AI560671, H49102, AW236097, AI742230, AA126132, H49333, AI732692, AW172617, AA199707, AI280378, W79860, W74521, AA279226, AI650312, AC005352, AL117338, AF088062</p>	<p>AW083378, AA057509, AI679190, AA574451,</p>
1331	HETJT76	876048	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1217 of SEQ ID NO:1331, b is an integer of 15 to 1231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1331, and where b is greater than or equal to a + 14.</p>		
1332	HMVBD68	876052	Preferably excluded from the		

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:1332, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1332, and where b is greater than or equal to a + 14.</p> <p>AA599718, AA054285, AA706513, AI707934, AW023524, AA199863, R66161, AA862725, R84843, R85715, H86142, AL038837, H86028, AL039074, AL039564, AL039108, AL039156, AL039085, AL039659, AL039625, AL039648, AL039678, AL039150, AA059178, AL037051, AL036725, AL039629, H00069, AL039109, AL038531, AL039128, AL040992, AL045337, AL037726, AL042909, AL039423, AA013394, AL039410, AL134524, AL039538, AL044530, AL045353, AL036973, AL044407, AL038821, AL039386, AL036418, AL039924, AL037526, AL043441, AL043445, AL037082, AL036196, AL037639, AL039566, H39007, Z99396, AL043422, AL039509, T24119, AL038851, T24112, AL038025, AL045341, AL036767, AI535983, T23947, D51250, AL036117, AL045794, AW013814, AL043423, AL036924, AL037615, AW452756, AL036190, AW451070, AL036238, AL037085, AI142134, AL036679, AI535783, AL036733, T23659, AL038983, AL036858, AL134110, AL038447, AL037021, R47228, AL036998, AL045328, D80253, AL037727, AL037054, AL036191, AL036964, H00072, AL045327, AL047163, AL042898, AL036268, T02921, D59275, AL036765, AL037077, AA631969, AL039643, AL039432, AL119483, AL049018, T48598, D80219, AL038838, D59787, AL037343, AL037295, AL044125, AL037436, AA514190, AL037178, AL037335, AL037323, AW080777, AL119484, AL041347, AL037027, AW022897, AL038651, AI547295, AL036999, AW450376, AL038761, AL037443, AI348766, AL038532, Z25783, AL036719, AW103927, AL037094, T11051, AL042850, AA478355, AI700109, AL038822, AI267269, AL037435, AA548890, AA702729, AI334443, AL040193, AA191659, AA410788, AL119324, AA577824, AA630672, AA526787, AI056177, D29033, T28100, AA493975,</p>
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	AA579179, AI223604, AL040061, AL044162, AL047012, AA483929, Z225782, AA834707, AW148507, AA456578, AL046549, T07039, H66681, A1254913, AL041238, AL043496, AL043923, X95073, AF118808, D14548, AR066494, AR017907, Z96142, AR038286, X68127, I92483, AR062871, I03665, I03664, A15078, E00523, A67220, X73004, A95051, A58522, AR036905, A92133, A97211, A58521, A02712, A85477, A85396, AJ244003, AJ244004, AR062872, AJ244005, I06859, AR062873, A18050, A84772, A35536, A35537, A23334, A75888, I70384, I18371, A20702, A60111, A23633, AR043601, AR025207, AR007512, A18053, A84776, A84773, A84775, A02135, A02136, A04663, A04664, A84774, A43189, I66495, AR031374, A43188, AR067731, A38214, A49700, AR031375, A20700, I66494, A64081, AR008430, AR067732, A44171, I56772, I95540, AR018924, I60241, I60242, A51047, A63064, AR018923, A48774, A98767, A63072, A48775, AR068507, I66498, I66497, I66496, AR068506, I00074, I66486, I66487, I19516, A58524, AR015960, A91750, AR064707, A93963, A93964, AR000007, AR015961, I63120, A95052, AR020969, A25909, AR043602, AR043603, A95117, A58523, A23998, AF156296, AR037157, A11245, V00745, A02710, E12615, AR035193, A86792, E13740, AR054109, A07700, AR000006, A13392, A13393, AR036903, D28584, U87250, AR027100, I03343, I28266, AF156294, A82653, AR022240, Y11923, A81878, I21869, I13349, A24783, A24782, E14304, AJ230933, A70040, E16636, I19517, I01992, A27396, D88984, A76773, A22413, I08051, Y11926, A49045, A93016, E16678, I25027, I26929, I44515, I26928, I26930, I26927, A58525, I25041, I68636, E03165, E16590, I00077, S70644, I49890, AF096810, AF156303, AR064706, I44516, AF019720,
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			A60957, Y11449, A51384, X58217, AR038762, A92636, I84553, A91754, I84554, E02221, E01614, E13364, I00079, A60968, A18722, AF156304, D34614, A58526, A91753, AR023813, AB012117, A10361, AR035975, AR035977, AR035978, AR035974, AR035976, AF130655, AR066482, M32676, A60985, A60990, Z79475, A60987, Y17188, AC004935, X15418, S65373, AC004111, AJ238010, AC002431, AC004851, AC010722, AC006582, AC004797, AC005373, AP000512, AL121603, AL049430, AC005291, AC007191, U50871, AC004213, AL049631, AC002059, AC002480, U95739, AP000132, AP000210, U91318, AC005332, AL034395, AL031281, AC009784, AP001172, Z95116, E04616, AL035413, M21251, AC006999, AC006211, AC004466, AL080317, AC002395, AC005914, AC000026	
1333	HWLQD17	876056	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 114 of SEQ ID NO:1333, b is an integer of 15 to 128, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1333, and where b is greater than or equal to a + 14.	
1334	HCRME16	876057	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:1334, b is an integer of 15 to 438, where both a and b	AA826803

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1334, and where b is greater than or equal to a + 14.	
1335	HQCQCI16	876059	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 336 of SEQ ID NO:1335, b is an integer of 15 to 350, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1335, and where b is greater than or equal to a + 14.
1336	HKLAB15	876062	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1336, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1336, and where b is greater than or equal to a + 14.
1337	HCYBH57	876065	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 734 of SEQ ID NO:1337, b is an integer of 15 to 748, where both a and b

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1337, and where b is greater than or equal to a + 14.	AW384125, AA496504, AI610340, AA248671, AA130789, AA180915, AA478370, AI733781, Z98485, AI796704, AL044742, AL048069, AA626025, AL048572, AL047765, AL039283, AI557485, AL048501, AI546967, AI546957, AA516161, AI924321, AA887171, AI132973, AA420684, AI133122, AA654779, AA654118, AA194612, AA532618, AI132978, AI133640, AI114783, AI064749, AI064986, AI133242, AI065142, AI133340, AI114709, AI110634, AI065125, AI065095, AI133581, AI133663, AI110590, AI133479, AI065101, AI114457, AI133604, AI207634, AI525970, AI133582, AI114582, AI174912, AI114665, AI133512, AA081070, AA578984, AI557069, C17847, AI174878, C1.8490, AI133723, AI133615, AI133526, AA089877, AI525469, AA225945, AI114594, AI557701, AA112129, AA213849, AA410915, AA195856, AA182920, AA165635, AI208489, AA662114, AA244064, AA088806, AA228826, AA652493, AA622823, AI979027, AL049144, AA225205, AI244851, AI827423, AA132431, AA410765, AA176509, AA089690, AA828070, AA640731, AA641599, AI1749067, AA569303, AA502464, AW385506, AA663702, AA229378, AA876457, AA467990, AA084304, AA229146, AA837558, AW371147, C18623, AA858353, AA188095, AA641178, AA293576, AA082601, AW375786, AA468053, AA092886, AA427549, AA129770, AA480482, AA658436, AA502853, AA394267, AA640898, AI132974, AA193149, AA091406, AI749996, AA095793, AA226058, AI535866, AI940772,
1338	HCQDM08	876070	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 98 of SEQ ID NO:1338, b is an integer of 15 to 112, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1338, and where b is greater than or equal to a + 14.

			AA527220, AA194743, AA399036, AA091372, AA192775, AA089626, AI525481, AI524836, C14151, H41888, Z56605, X76676, AR028448, X62996, D38112, V00662, J01415, X93334, Z59182, D38114, D38113, X93335, D38116, Z58833	
1339	HSSEA17	876078	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1339, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1339, and where b is greater than or equal to a + 14.	Z56928, Z56929, Z64722, Z54751
1340	HCQDG14	876079	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1340, b is an integer of 15 to 624, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1340, and where b is greater than or equal to a + 14.	AW235671, AI740682, AA770521, AA428282, AI522043, AI276457, AI984187, AI382430, D79844, D62692, AA741145
1341	HCQAQ14	876081	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 948 of SEQ ID NO:1341, b is an integer of	N52898, N40697, AI221215, AI961502, N27935, AI538394, AW366714, AA557734, AI916398

			15 to 962, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1341, and where b is greater than or equal to a + 14.	
1342	HCQBN16	876082	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 248 of SEQ ID NO:1342, b is an integer of 15 to 262, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1342, and where b is greater than or equal to a + 14.	AA284114, AA878237, AI440478, AI183980, AI830413, AI693370, AW167651, AI284239, AI087052, AA025164, AI075952, AI276058, AA781007, AI333050, N69861, N99037, W47304, AA626017, W47171, AI672591, AA885176, AA644449, AI222118, AI080182, AA055097, AI350932, AA526741, AA524562, AA719566, AA055070, AA397901, AA890555
1343	HWLQE13	876086	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 819 of SEQ ID NO:1343, b is an integer of 15 to 833, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1343, and where b is greater than or equal to a + 14.	AA284114, AA878237, AI440478, AI183980, AI830413, AI693370, AW167651, AI284239, AI087052, AA025164, AI075952, AI276058, AA781007, AI333050, N69861, N99037, W47304, AA626017, W47171, AI672591, AA885176, AA644449, AI222118, AI080182, AA055097, AI350932, AA526741, AA524562, AA719566, AA055070, AA397901, AA890555
1344	HWMBMS01	876088	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:1344, b is an integer of	AI023441, AI242040, AA847082, T50456, AA331171, AA650226

		15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1344, and where b is greater than or equal to a + 14.	
1345	HKLAA70	876089	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1345, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1345, and where b is greater than or equal to a + 14.
1346	HWLCK07	876090	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 412 of SEQ ID NO:1346, b is an integer of 15 to 426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1346, and where b is greater than or equal to a + 14.
1347	HISAV29	876091	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1347, b is an integer of

			15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1347, and where b is greater than or equal to a + 14.	AA196426, AI796138, AA308423, AI818489
1348	HWLXE78	876093	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1348, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1348, and where b is greater than or equal to a + 14.	
1349	HSLHII2	876094	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 265 of SEQ ID NO:1349, b is an integer of 15 to 279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1349, and where b is greater than or equal to a + 14.	
1350	HCQCX03	876095	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 513 of SEQ ID NO:1350, b is an integer of	W89052, AI133355

		15 to 527, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1350, and where b is greater than or equal to a + 14.	D80188, C14389, D59275, D50979, D80043, D58283, D80391, D59787, D80196, D80227, D51022, D59859, D80022, C14331, D80166, D80195, D50995, D59467, D51423, D59619, D80210, D51799, D80164, D80240, D80253, D59502, D59927, AA305409, D80269, D81030, D80247, D81026, D80248, D80212, D80366, D80219, AA305578, C15076, D57483, D80038, D59610, C14014, D51060, D59889, D80439, D80193, D80133, D80045, D80024, D80268, AW360811, D80378, AA514186, AA514188, AW177440, D80302, D80251, DB0241, T03269, C14429, AW178893, AW377671, AW375405, D51103, AW17731, D80157, AW178983, AW178906, D51759, AW366296, AW179328, AW360844, AW360817, AW179020, C75259, AW375406, T48593, AW378534, AW179332, AW377672, AW179023, AW178905, AW378532, AW178908, AW177501, AW177511, C05695, D59373, AW179024, AW352171, AW179004, AW377676, AW378528, AW352170, AW178907, D80132, AW178762, AW179019, AW360834, C06015, AW177505, D80134, AW176467, D51250, AW360841, D58253, AW367967, AW178775, AW369651, D59653, AW178909, AW177456, AW179329, AW179009, AW178980, AW178914, AW178911, AW177733, AW178754, AW179018, AW352158, D51079, AA809122, D80014, AW352117, D45260, AW367950, AW178774, AW352120, F13647, AW378525, AW179012, H67854, AW177722, AW352163, T11417, C03092, D52291, H67866, AW378543, D59627, AW177728, D80168, D81111, AW177723, AW378540, D51213, AI525923, AI910186, AW178986, C14227, C14973, AW178781, AI905856, C14298, AI535850, T03116,
1351	HCQCR12	876097	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1351, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1351, and where b is greater than or equal to a + 14.

		<p>AI525917, D59317, D58246, D59474, C14407,  D80258, AA514184, D59503, D60010, AW378533,  D80064, C14344, D51221, C14957, T03048,  AW177508, AW177734, AI525920, AI557774,  AI525227, AI535686, AW177497, D58101, D59551,  C14046, D60214, AI525912, AI525235, AI525237,  C16955, AI525215, AI525242, AW378542, AI557751,  AA285331, AI525925, AW378539, D45273, C05763,  Z33452, T02974, AI525222, Z21582, D51097,  AW360855, H67858, C04682, D31458, T02868,  D51053, AW179011, AI525928, AI535961, Z30160,  C13958, D80314, AI525228, AL033517, AR008278,  AB028859, AJ132110, A84916, A62300, A62298,  AR018138, AF058696, A82595, AB002449, AR060385,  X67155, Y17188, A94995, D26022, Y12724, A25909,  I50126, I50132, I50128, I50133, A67220, D89785,  A78862, D34614, AR016514, AR066488, A26615,  AR052274, AR008443, AR060138, A45456, D88547,  A43192, A43190, AR038669, Y09669, X82626,  AR066487, AR016808, A30438, D50010, AR054175,  I14842, Y17187, AR025207, AR008408, A63261,  X64588, AR066490, AR008277, AR008281, AR062872,  A70867, I18367, AR016691, AR016690, U46128,  D13509, A64136, A68321, AR060133, I79511,  X68127, AB012117, AF123263, X72378, AR032065,  AR008382</p> <p>N50949, AA329541, AI120708, AI922673, D63195,  H05929, AI679480, AA808536, F03253, T80197,  AA125781, AC010169, AC002300, AC004526,  AC003010, AC005183, AC007993, AC005258,  AC005057, AC002425, AC004878, AP000501,  AC005871, AL133163, AC005844, AC005363,  AC008149, H82274, AA665465</p>	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1352, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>
1352	HPJBW76	876098	

		NO:1352, and where b is greater than or equal to a + 14.	
1353	HCQCD81	876101	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 669 of SEQ ID NO:1353, b is an integer of 15 to 683, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1353, and where b is greater than or equal to a + 14.
1354	HCYBF60	876104	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1354, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1354, and where b is greater than or equal to a + 14.
1355	HCQCD09	876105	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 419 of SEQ ID NO:1355, b is an integer of 15 to 433, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID

1356	HWLVY67	876107	NO:1355, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 618 of SEQ ID NO:1356, b is an integer of 15 to 632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1356, and where b is greater than or equal to a + 14.	AI088192, AI992372, AI992373, AA768994
1357	HMAKC34	876108	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 954 of SEQ ID NO:1357, b is an integer of 15 to 968, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1357, and where b is greater than or equal to a + 14.	AA706348, AI742004, AA612742, AA418899, AA622550, AI688045, W04608, AA639641, N73891, AI306136, C75175, N54079, AA037389, U40583, X70297, AF036903, AF037646, AR055255, U62436, Z23141, L25827, AF087689, Y08420, X93604, AJ245976	
1358	HNGBJ13	876109	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 704 of SEQ ID NO:1358, b is an integer of 15 to 718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID		

			NO:1358, and where b is greater than or equal to a + 14.	
1359	HCFCP28	876117	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1614 of SEQ ID NO:1359, b is an integer of 15 to 1628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1359, and where b is greater than or equal to a + 14.	W38691, AW170228, AW204712, AI342478, AA214559, AI301837, AI038938, AA041552, AA975363, AW207768, AI280415, AW241161, AI698575, AA213418, AI192391, AL042921, AL042806
1360	HCROH40	876118	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1283 of SEQ ID NO:1360, b is an integer of 15 to 1297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1360, and where b is greater than or equal to a + 14.	AW340002, AW263252, AI302813, AA806234, AW337920, AI800828, AI685453, AA582942, AW150706, AI566501, AI802925, AI022951, N32077, AA743819, AI160053, AI1336188, AA643850, AI091958, AW081284, AA512938, AI687081, AW051587, AA84985, AI738521, AA812286, AI185199, AI761431, AA403009, AA047094, AW130755, AI554205, W60982, AW069431, AA143405, AI086947, AI952635, AA862513, AW025157, AI674916, AI911657, AA457705, AW418700, AW009464, AI684131, AI811699, AI613185, AA043722, AA101008, AI812095, AA143404, AI695151, AA662383, W52268, AA034911, AI445209, AA410666, AI306627, AA152449, AI446572, AI760791, AI093619, AI955408, AI344379, AI739460, AI824906, AW002682, N29782, W52269, AA622005, AA586560, AI798484, W47540, W47587, AI795838, AA861143, AA524329, AA047184, AA506568, AW198106, AA936419, AW021602, AA506574, W45220, T49532, AI357909, AW168465, N25070, AA152448, AA907471, AA301628, AA641358, AA515290, W39753, N45391, H80074, AA431547,

			AI934135, AA927158, AA58796, AA372266, N25911, AA535141, AI918662, AW021800, AA613551, AA913677, F35471, AA102493, AI795855, AI718365, AA613011, AA480815, AA903677, AI872650, T49531, H80073, AA973783, AW375945, AA505724, AA514710, AI927674, AI475421, N57203, F24647, AA356940, AI936211, AA043424, AW367127, AA034978, AA593644, AI472573, AW374518, T10460, AA587154, AA431094, AI810621, AA918275, AI336721, AI709355, AI131344, AW004782, AA062797, AA632243, AW059882, N34155, AI557285, Y14551, AP000512, AB023051, AC006165, S81914, AF071596, AF039067, X96438, AF083421, AJ227914, Y16736	AA576961, AI795908, AL120038, AW071648, AI923078, AI650566, N27861, AA020770, AI693672, AI828327, AW40804, AI423373, AW275975, AI656898, AA307019, AI121002, AI359865, AA088194, N73008, AI926866, AI079417, N35619, AI955093, AA258396, AI589460, AA856996, N21585, AI679493, AI824968, AI813785, N40634, AA857168, AI203273, AI079737, AW382798, AA332511, AA806210, AI913138, AI675042, AI868760, AA641278, AI371462, AA995175, H92531, AA113084, R66601, D79238, AW151392, D12298, D56582, AA380178, AW391828, AI352031, Z21892, AI940086, Z50194, U92983, U44088	W07169, AA838748, AI985511, N78574, AI200281, AI658709, AW016259
1361	HKAAK32	876121	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2690 of SEQ ID NO :1361, b is an integer of 15 to 2704, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1361, and where b is greater than or equal to a + 14.	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 896 of SEQ ID NO :1362, b is an integer of 15 to 910, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	
1362	HCQDQ31	876123			

			NO:1362, and where b is greater than or equal to a + 14.	
1363	HHEEN22	876126	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1809 of SEQ ID NO:1363, b is an integer of 15 to 1823, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1363, and where b is greater than or equal to a + 14.	AI361002, AI969720, AI805386, C06251, AI304680, AI885442, AI869317, AI306681, AI634959, AA653629, AI336898, AW192256, AW236693, AI870517, H10595, R52073, R73296, AI798507, AA464725, AI927008, M78003, AA479858, AA463941, R74154, AI582506, AA987791, AI094500, AA47492, AA464077, AA340304, AA781562, AA433963, R45811, AI361797, AI805569, AI685621, AI669742, N58164, F33325, AI889215, AA297873, AI304641, AL045494, AL042523, AL045327, AL135012, AL134110, AL134524, AL042420, AL042468, AL045328, AL042519, AL042741, AL042655, U46344, AL047163, AL045891, AL045326, AL042898, AL043089, AL043321, AL046356, AL042488, A85203, AR066494, AL122101, AL133053, AL133074, AL133049
1364	HRABR73	876127	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 423 of SEQ ID NO:1364, b is an integer of 15 to 437, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1364, and where b is greater than or equal to a + 14.	AL039087, AL037259, AL041296, AL041098, AL043440, AL040464, AL041358, AL041324, AL041096, AL047012, AL043538, AL044162, AL045725, AL040576, AL041197, AL043612, AL039915, AL040553, AL041131, AL039432, AL047219, AL047057, AL047170, AL040119, AL047036, AL041292, AL041051, AL047183, AL040322, AL046330, AL041238, AL040529, AL041142, AL045817, AL040625, AL040510, AL043467, AL044186, AL040253, AL044037, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL045684, AL040745, AL049069, AL041346, AL043677, AL046442, AL045857, AL040839, AL041752, AL038822, AL043775, AL044165, AL041133, AL043492, AL041602, AL045920, AL038838, AL045753, AL041227, AL044074, AL043537, AL041635, AL045990, AL040458, AL044199, AL044187, AL046150, AL040090,

	AL040263, AL040294, AL040329, AL044274, AL040082, AL044272, AL040148, AL040472, AL041730, AL041523, AL043627, AL049018, AL046392, AL040463, AL041374, AL040052, AL043845, AL042135, AL044064, AL038983, AL039316, AL043923, AL043814, AL045671, AL043848, AL041459, AL043570, AL041577, AL044201, AL044258, AL046850, AL046147, AL038532, AL040768, AL037727, AL041140, AL046327, AL046994, AL042712, AL040414, AL040571, AL046097, AL043496, AL046914, AI142134, AL040621, AL041186, AL039744, AL041086, AL042096, AL040444, AL080031, AL041955, AL041168, AL041159, AL041233, AL041246, AL079878, AL041277, AL041163, AL040193, AL040370, AL041278, AL037436, AL045994, AL040155, AL045784, AL040149, AL039360, AL037435, AL038761, AL045989, AL040075, AL039338, AL037443, AL079852, AL037335, AL046099, AL037295, AL047131, AL040238, AL037341, AI546855, T23985, Z30131, AI547039, AL045211, AL045340, AI546899, AI541509, AAS85439, AL041347, AL043444, T23957, AI541510, AI541317, AI525306, T23888, AI541365, AI540967, AI525556, AI547006, AI541514, AI525431, AI541374, AI541534, AI535639, AI546999, AAS85453, AI525321, AI557787, AI526194, AI541506, AI535813, AI546891, AI541017, T24112, T02921, T24119, AL039156, AL044530, AL036630, AL039504, AW451416, AW013814, AL039555, AL039509, AL039564, AL039538, AL038043, AL039108, AL039678, AL039566, AL039074, AL038837, AL039521, AL039625, AL039648, AL039659, AL039629, AL045794, AL039476, AL043586, AL037726, AL038531, AL039109, AL04092, AL039924,
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		AL039128, AL044407, AL036973, AL042909, AL045341, AL045337, AL044412, AL037051, AL045353, AL039386, AL039423, AL039410, AL044364, AR067731, AR067732, AR051651, I25027, I26929, I44515, I26928, I26930, I26927, A29109, A32111, I44516, AR027100, A49045, AR009152, AR009151, AR067734, A83151, AR068508, AR068510, AR068509, I58322, I58323, I85513, AR054109, Z96177, AR068550, A23373, AR068551, X85060, E01324, I08638, A70359, AR016495, A95117, A93936, A94048, A94061, A94046, A94054, I07209, I07249, AR067733, AR029418, A63954, I09267, I09270, I09268, I09269, A49701, I09252, I09251, AR029417, AR035224, I58669, AR038066, AR027099, A27169, A27170, A39929, AR038307, AR038321, AR051652, AR038306, AR038320, I91969, A83642, A83643, X89399, I25041, AR018924, A48774, A48775, A38214, A44171, I56772, I95540, A63067, E01239, E01561, A51047, A63064, A63072, AR068507, AR068506, AR064436, AR000006, AR015960, AR000007, AR015961, A92081, AR027319, A91752, A91751, AR027318, A92080, A92077, A92078, A92079, A9031374, A49700, AR031375, A58521, AR020969, E01619, I06159, A93445, AR003585, A06633, A60212, A60209, A60210, A60211, A32110, A83180, A60206, A93446, A91754, A64973, A84772, A84776, A84773, A84775, A84774, AR037157, A86792, A58522, A68112, A68104, A91750, A11245, A20702, AR062871, A43189, A43188, A20700, A98420, A98423, A98432, A98436, A98417, A98427, I66495, I66494, I66498, I66497, I66496, I66487, I66486, X83865, A85395, A85476, AJ244004, I15353, E12566, E12564, E12565, A98767, A93963, A93964, E14304, AR062872, A81878, AR062873, A25909, AF082186, AJ244003, A58524, E16678, A58523, D78345, AR038762,
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1365	HWMBX6 8	876137	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1365, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1365, and where b is greater than or equal to a + 14.	AI809519, AI733273, AI700619, AW44492, AI701407, AI268747, AW023153, AA933010, AI216153, AW450105, AI268633, AI793298, F03428, H09383, H09323, Z44285, AW297395, F04852
1366	HE80F49	876139	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2141 of SEQ ID NO:1366, b is an integer of 15 to 2155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	

1367	HWLHY12	876140	NO:1366, and where b is greater than or equal to a + 14.	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1710 of SEQ ID NO:1367, b is an integer of 15 to 1724, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1367, and where b is greater than or equal to a + 14.</p> <p>AW394038, AW157294, AW394036, AW163057, AA306435, AW362974, AW157089, AW362965, AI878985, AW162479, AA146857, AW362967, AA311937, AW362962, AA306611, AI879487, AW362949, AA774684, AA813993, AW362950, AW403413, AW362951, AW407973, H59390, AW362956, AA310305, AA360185, AA332342, AA120901, D81998, W21240, R18124, AA312498, AA971457, AI223218, AA377328, AA300637, AW163350, AA248513, AA377822, AW3666952, AI690275, N91094, AL021808</p>
1368	HCQBL07	876141	AA668479	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 359 of SEQ ID NO:1368, b is an integer of 15 to 373, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1368, and where b is greater than or equal to a + 14.</p>
1369	H2LAJ32	876142	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 807 of SEQ ID NO:1369, b is an integer of 15 to 821, where both a and b, correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA313981, AA513970, D80022, D59787, D59927, D59502, D50995, D80391, D81030, D80188, D80166, D58283, D80212, D80196, D59619, D80210, D80240, D59859, D80195, D80193, D51423, D51799, C14389, D59275, D80253, D80043, D80227, D80219, D80164, D57483, D80269, D80366, D80038, D50979, D59889, C14331, T03269, C15076, D59610, D80378, D80024, D59467, D80045, C14429, AW178893, D80241, AA305409, D51060, C75259, C14014, D51250, D80134, AW179328, AW178775, AW378532,</p>

		<p>NO:1369, and where b is greater than or equal to a + 14.</p> <p>AW177440, D81026, F13647, D51022, AW369651,      D80268, D80522, AA305578, Z21582, AW178762,      D80168, D80949, C14227, D58253, AI910186,      AI905856, D80251, AW177501, AW177511, D81111,      D80248, AW360811, AA514188, AW378540, AW352117,      D80064, AW176467, AW375405, D80133, AA285331,      AW377671, AA514186, C14298, D51097, AW366296,      AW360844, AW360817, AW375406, C14407, AW378534,      AW360834, AW179332, AW377672, AW179023,      AW178905, C05695, AW179024, AW178906, AW179020,      AW352170, AW177456, AW352171, D80132, AW377676,      AW177731, AW179220, AW178907, AW178754,      AW179019, AW177505, AW360841, AW178909,      AW179004, AW179329, AW179012, AW178980,      AW177733, AW378528, AW179007, AW178908,      AW179018, AW178971, AW177714, D80439, D80302,      AI557751, D80247, AW352174, AW178914, AW378525,      AW177722, AW367967, AW178983, AW177728,      AW352120, AW179009, AW178774, AW178781,      AW178911, AW378543, AW352163, D51103, T11417,      D80157, D80014, T48593, D511759, T03116, D59627,      AW177723, D59503, D58246, D80258, AI557774,      C06015, AW378539, D58101, AW378533, AW367950,      AW178986, D59653, AW177508, AI535850, T02974,      D45260, C03092, AW177497, C14975, D51213,      AW177734, H67854, H67866, AA809122, AI525923,      D59474, AI525917, D59317, C14973, D45273,      C14344, D51221, AW179013, AW178759, D59551,      AI525920, D60010, AA514184, AI535686, AW378542,      T03048, AA033512, D60214, AI525227, C14046,      C04682, AW360855, AI525235, C05763, AI525925,      AW378520, AI525242, AI525912, AI525215,      AI535961, C16955, AC007695, A84916, A62300,      A62298, AJ132110, D26022, A25909, Y17188,      X67155, AR018138, A67220, D89785, A78862,      D34614, D88547, X82626, AF058696, AR025207,</p>
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		AR008278, AB028859, Y12724, AB010386, AB012117, X68127, A85396, AR064482, A44171, A85477, A94995, I19525, A86792, U87250, AB002449, X93549, A82595, AR008443, AR060385, I50133, I50126, I50132, I50128, AR064488, AR060138, AR016514, A45456, A26615, AR052274, A43192, A43190, AR038669, Y09669, AR066487, AF135125, I18367, A30438, Y17187, D88507, D50010, A63261, I14842, AR008408, AR054175, AR062872, A70867, AB033111, AR016691, AR016690, U46128, A64136, A68321, AR008277, AR008281, D13509, AR064240, AR060133, X64588, U87247, I79511, AB023656, U79457, AF123263, AR032065, AJ000347, X93535, AR008382	AA376851, AF067844
1370	HSIAD07	876146	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1370, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1370, and where b is greater than or equal to a + 14.
1371	HWLZN56	876151	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:1371, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1371, and where b is greater than or equal to a + 14.

		NO:1371, and where b is greater than or equal to a + 14.	AI557731, AI541365, AI525661, R29657, AI541353, AI525856, AI541321, AI557155, AI557238, AI525666, AI541450, AI541034, AI557258, AI557474, AI547196, AI525568, AI557602, AI540974, AI557041, AI535813, AI546829, D30843, AI557039, AI557154, AI525656, AI547177, AI557543, AF117946, A62300, A62298, AR050070, A82595, A82593, U94592, Z30183, AF006072, U41654, AR025466
1372	HLQBA23	876152	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 893 of SEQ ID NO:1372, b is an integer of 15 to 907, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1372, and where b is greater than or equal to a + 14.
1373	HDPQV66	876153	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3022 of SEQ ID NO:1373, b is an integer of 15 to 3036, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1373, and where b is greater than or equal to a + 14.

			AW151330, N54032, AI784141, AA604954
1374	HODEJ02	876155	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 2638 of SEQ ID NO:1374, $b$ is an integer of 15 to 2652, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1374, and where $b$ is greater than or equal to $a + 14$ .  AI936171, AI660616, AA723024, AA190582, AA702472, AA947752, AI814600, AA075189, AW020121, AW294648, AA757206, AI125830, AI696932, AI921488, W15540, AA305635, AA830086, AI658993, AI436142, AA962072, AA284969, AA425011, AA250752, AA828460, D56246, AI741195, AA251400, AA829606, AI032702, AW079530, N49067, AA749129, AA279652, AA495947, AI026876, W31634, AI282893, AW079538, AA459370, AI074276, H89116, AA502299, D56326, AA284995, W32623, AA904260, AI001813, H89222, D56456, AW242319, AA250829, AI040832, AA837963, AW295502, AA442409, AA253372, AA279862, W03753, AW452047, AI1289978, AA327787, AA634468, AA298940, AA459595, AA991736, AI090474, AA603227, AA730869, AI191872, D61332, AA634018, N86750, N79236, AI280656, AA211438, AA908725, AI695184, D62649, AA358933, N75598, AA811697, AI094362, F35399, N50196, AA075188, AW205837, AA773229, AF100156, AW364866, AC003042
1375	HWMXBZ31	876156	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$ , where $a$ is any integer between 1 to 313 of SEQ ID NO:1375, $b$ is an integer of 15 to 327, where both $a$ and $b$ correspond to the positions of nucleotide residues shown in SEQ ID NO:1375, and where $b$ is greater than or equal to $a + 14$ .  AW360816
1376	HTTCX04	876166	Preferably excluded from the present invention are one or more polynucleotides comprising a  AA4485808, AA505129, AI149019, AI970131, AI829798, AA346059, AA367024, AA371138, W39118, AA491324, AI817772, AA300274, AW194921,

	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1239 of SEQ ID NO:1376, b is an integer of 15 to 1253, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1376, and where b is greater than or equal to a + 14.</p>	<p>AW16155, AI652296, AA824496, AI301046,            AI249946, AL040694, AI241223, AI915295,            AI250646, AA088789, AI471429, AW021717,            AL036509, AL039011, AI500061, AI702527,            AW059828, AW196720, AW163834, AA928539,            AI538885, AL036705, AI969655, AI223980,            AI434731, R53741, AI524654, AI401697, AA837391,            AI799313, AI687568, AI623941, AI752007,            AI580027, AI333104, AI274759, AL079740,            AI345415, AL046849, AI682958, AA057840,            AI374827, AI250353, AI586931, AI432644,            AI805688, AI583578, AW088560, AA805708,            AI565172, AI440238, AI658566, AI491842,            AW151979, AI702540, AW172723, AI784214,            AW263569, AI345688, AW055252, AI699020,            AW021662, AW118508, AI590830, AW051088,            AW022636, AW195253, AI887163, AI702343,            AA587590, AA575874, AI801325, AI242248,            AW162189, AI345010, AI344785, AI343325,            AW151451, AI309306, AA259207, AI964011,            AI802826, F36855, AI890887, AI345553, AI355779,            AA827691, AI923989, AI289791, AI349967,            AW083573, AW020381, AI280607, AI927233,            AA761557, AW403717, AI308032, N75771, AI581033,            AI452857, AI584118, N81195, AI627714, AI699823,            AI590755, AI539260, AI860027, F34030, AI915291,            AI499986, AW082532, AI348897, AI114703,            AI125109, AI811192, AI688854, AI345745,            AA830396, AL119791, AL047675, AL036548,            AI285439, AI270039, AI688848, AI537516,            AI926593, AI690813, AW194014, AI005511,            AI859644, AW104141, AI784233, AI633125,            AI469516, AW020046, AI698391, N63128, AI815232,            AI612885, AL036265, AI817523, H89138, AI500523,            AW088605, AI648699, AI241741, AI582871,            AA225339, AI582932, AA514684, AI623797,</p>
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	AI619820, AA580663, AI491710, AI623363, AI783569, N99092, AI539632, R65859, AI889189, N71180, AI361701, AI491904, AI435253, AA641818, AI866573, AI343091, AI310575, AI345417, AW161098, AI161279, AI302590, AI335363, AI366984, AI583032, AI538850, AI963058, AW078729, AL047100, AL037602, AI433611, AW025279, AI590043, AI305157, AW089293, AI815855, AI299903, AI340533, R20540, AI349957, AW020592, AI288335, AI685211, AW161202, AI096771, W74529, AA493923, AI345471, AA767039, R10067, AL037582, AI559863, AI345005, AI918554, AW022494, AW079768, AI680504, AW191003, AW020288, AW009306, W45039, AL048499, AA768369, AI360195, AI630252, AA555145, AW020095, AI569616, AI135024, AW089572, AW084097, AI671642, AA279795, AI800341, AI890907, AI225000, AI357599, AI621341, AC006512, E01573, E02319, AF091512, AF067790, S61953, I48978, AL137640, AJ238278, AF002672, I89947, AR038854, A08913, I03321, AL117432, AL137258, AL133557, A08912, A08911, AF026816, A18777, X82434, S7771, AF00167, AF116573, S76508, AL133665, AL137476, AF159615, E12580, X75295, S83456, A21103, AF028823, L13297, E05822, AF141289, AL117583, E15582, AF090886, AL049452, AL050393, AF019298, A08910, AJ004832, AF113013, I89931, A08909, AF017437, X79812, AF106657, AL137550, I49625, A08907, A08908, AL122050, A77033, A77035, AF176651, I32738, AL137548, A48221, AF013214, AF185576, AL137521, A48220, I89934, Y10823, A65341, A76337, AF087943, U95114, AF090903, AF032666, AF008439, Z97214, U77594, D83032, AL133084, I33392, X06146, AL122100, AL122045, AL137533, S68736, AF090901, AL122121, X72387, A23630, E12747, X66862, AL049382,
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		<p>AFL20268, AL137538, AF061981, U72621, AF061943,      AL035458, AL136884, AF113677, AL122106,      AF026030, AL050278, A07647, AL137495, A90844,      AF111851, AL137459, Z37987, AL110221, AL110158,      AL080140, U62966, AL080147, AF180525, AL137705,      E06743, U36585, AL133560, E02152, AF111112,      U75932, AF078844, AF113694, AF090934, A57389,      S63521, AL133054, A86558, AL137286, AL133558,      U67958, X61399, AL080159, AR000496, AL049430,      U39656, XB0340, AR029490, AL117626, AL137271,      AF210052, 282022, X52128, AF109155, AL137711,      Y14314, AF026008, AF124728, AL133016, AF158248,      AL122118, AL122093, AL080148, AL133113,      AR068466, AL133010, AF182215, M92439, AF107018,      Y08769, AL080118, S54890, AF183393, A65965,      M19658, AF195092, AL122049, L19437, Y16645,      X56039, A65340, Y11587, AL137478, AL080154,      AF200464, AR059958, AF043493, AF061795,      AF118558, AF151685, AF199027, A65943, U78525,      AL050155, AL117435, E02221, E01614, E13364,      L04504, AB029065, J05277, X96540, AR011880,      I89944, I22272, AF091084, AF145233, AB028451,      AL050277, E12579, I26207, I22020, AF146568,      U35846, AF102578, U89295, AL110280, U88966,      AL137463, AR013797, AL137554, I09360, AL137298,      AL133640, AF162270</p> <p>W00981, AA095481, N79184, A1693730, AAI13788,      AA096381, AI373515</p>
1377	HYABC06	876168

Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of  $a-b$ , where  $a$  is any integer between 1 to 657 of SEQ ID NO:1377,  $b$  is an integer of 15 to 671, where both  $a$  and  $b$  correspond to the positions of nucleotide residues shown in SEQ ID